

Index

- ABC (American Broadcasting System), 405, 406, 407
Abedini, Reza, 514, 515
Absurd A.B.C. (Crane), 158, 159
Achromophonic adaptation, 20
Acier Noir typeface, 282, 283
Adams, Joseph A., 160, 161
Adamson, Robert, 148, 149
Adigard, Erik, 517–518
Adkinson, Bill, 489, 503
Adler, Mortimer, 347
Adobe Garamond typeface, 499
Adobe Jensen typeface, 499
Adobe Photoshop, 495
Adobe Systems, 488, 489, 498
Adolf, Archbishop of Mainz, 74–75
Adolf of Nassau, 75
Advertising
American modern art movement, 336, 337, 343, 345–352
art nouveau, 212–214, 220
chromolithography, 157, 158
conceptual image, 434
corporate identity, 401
digital design, 489–490, 495, 503
futurism, 256
Japan, 449
New York School, 374–375, 381, 384, 386–387, 389–391
pictorial modernism, 280–282
postmodern design, 468–471
public transport, 242–243
rise of industry, 164–165
television, 391
trade cards, chromolithography, 155–156
Aerosmith, 511
Aesop, 80, 81
Africa
cubism, 249
digital design, 514–517
African Americans, 401
Against Past-Loving Venice (Marinetti), 256
Agha, Mehemed Fehmy, 339, 341, 383
Ahiram (king of Byblos), 20
Aicher, Otl, 357, 383, 410, 411, 417, 418, 419, 420
AIGA (American Institute of Graphic Artists). See American Institute of Graphic Artists (AIGA)
Akzidenz Grotesk type family, 235, 357, 360, 361, 370
Alabama Blues poster, 440, 441
Albers, Josef, 316, 356, 376, 382, 383, 404, 405
Albert (prince consort of England), 153
Album cards, chromolithography, 155
Album of Eight Leaves (Li Fangying), 32, 34
Albums. See Record albums
Alcorn, John, 392, 393
Aldine Press, 100, 101
Aldo Mannucci. See Manutius, Aldus
Aldus computer, 488, 489–490
Alexander the Great, 25
Alexy Brodovitch (Purcell), 523, 524, 525
Alfred A. Knopf publishing house, 186, 336, 337, 514
Ali, Muhammad, 398
Alice's Adventures in Wonderland (Carroll), 253
Allen, Greer, 383
Allen & Ginter Company, 155
Allgemeine Elektrizitäts-Gesellschaft (AEG, General Electric Company), 217, 218, 219, 233, 236–241
Almeida Herrera, Luis, 529
An Alphabet (Nicholson), 270, 271
The Alphabet (Goudy), 186
Alphabets, 18–30
Aramaic alphabet, 20–21, 22
Cretan pictographs, 18–19
defined, 18
Greek alphabet, 22–25
Hieroglyphs (Egypt, ancient), 13
Korean alphabet, 29–30
Latin alphabet, 26–29
North Semitic, 19–20
Alpha Cubic Co., Ltd poster, 509
Also Sprach Zarathustra (Nietzsche), 212, 213
Alt, George, 83
Altamira (Spain), 4
Altmann, Andrew, 519
Alvise, Alberto, 98
Alvise, Giovanni, 98, 99
America's answer (Carlu), 344
American Broadcasting Company (ABC), 405, 406, 407
The American Chap Book (periodical), 209, 210, 211
American colonies, 115–116
American Film Institute, 408
American Institute of Graphic Artists (AIGA), 375, 377, 414–415
American Institute of Graphic Artists (AIGA) 2002 poster (Lévy), 511
American modern art movement, 336–352. See also Modern art; Pictorial modernism; Postmodern design; Twentieth century design
fascism refugees, 342
immigrants, 339–342, 352
informational and scientific graphics, 350–352
overview, 336–339
Paepcke, Walter P., 342–343
post-war, 346–350
Works Progress Administration, 342
World War II, 344–346
American Revolution, 134
American Revolution Bicentennial, 408
American Telephone and Telegraph (AT&T) Corporation, 408, 409
American Type Founders Company, 142, 165, 185, 186, 187, 189, 209
Amman, Jose, 72
Analytical cubism, 249
Anatomy for Interior Designers, 378, 379
Andersen, Kurt, 516, 517
Anderson, Charles S., 484, 485, 486, 487
Anderson, Gail, 495
Andreessen, Marc, 505
Anna Christie (O'Neill), 433, 434, 435
Anspach Grossman Portugal, Inc., 474, 475
Antiques style, 136, 137
Anton Schöb printers, 468, 469
Apeloig, Philippe, 512, 513
Apicella, Lorenzo, 519
The Apocalypse, 84–85, 87
Apollinaire, Guillaume, 253–255, 262, 383, 526
Apple Computer, 488–490, 505

- Applegarth, Ambrose, 141
 Apspach, Judocus Ott von, 73
 Arabic, Semitic alphabet, 20–21
 Aragon, Louis, 262
 Aramaic alphabet, 20–21, 22
 Arbus, Allen, 386, 387
 Archer, Frederick, 145
Architectural Forum (journal), 342, 343
 Architecture. *See also* Bauhaus; specific architects
 Bauhaus, 310–311, 315–316
 constructivism, 303–304
 postmodern design, 467, 478
 styles in, 221
Ariette, mise en musique (Ariette, Mode of Music), 119
 Aristophanes, 200
 Aristotle, 25, 100, 102, 142
 Armitage, Merle, 336, 337
 Armory Show (New York City, 1913), 336
 Armstrong, Frank, 524, 525
 Arnot, Paul, 524, 525
 Arntz, Gerd, 326, 327
 Arp, Jean, 257, 264, 291, 383
 Arrighi, Lodovico, 102, 103
Ars Memorandi per Figuras Evangelistarum (Book of Notable Religious Figures), 67, 68
Ars moriendi, 65, 67
Ars Moriendi (Art of Dying, Alvise), 98, 99
Ars Typographica (journal), 186
 Art concrete, 356–357
 Art deco, pictorial modernism, 278–286
 Art Deco (Hillier), 432
Artes de Mexico magazine, 529
ARTnews (journal), 378
 Art nouveau, 190–220
 Arts and Crafts movement, 169, 171, 179
 Belgium, 211–214
 conceptual image, 438
 English, 199–202
 France, 195–199, 202–207
 Germany, 216–219
 Italy, 219–220
 Netherlands, 214–216
 overview, 194–195
 ukiyo-e movement, 190–194
 United States, 207–211
 Arts and Crafts Exhibition Society, 172
 Arts and Crafts movement, 160, 166, 167–189, 238
 art nouveau, 169, 171, 179, 195, 207
 Century Guild, 169–171
 Kelmscott Press, 172–176
 overview of, 167–169
 private press movement, 176–180
 Art Workers Guild, 172
 Asaba, Katsumi, 514, 516, 517
 Ascenders, illustrated manuscripts, 44
 Ashbee, Charles R., 176–177
 Ashendene Press, 177–179
 Aspalta (king of Ethiopia), Sarcophagus of, 12, 13
 Atherton, John, 344, 345
 Atlases, 352
 AT&T Corporation, 408, 409
 Auerbach, Johannes, 311
 Aufuldish, Bob, 506, 507
 Augereau, Antoine, 107
 August, J. R. C., 392
 Augustine, Saint, 93, 94
Aureum Opus (Great Works), 93
 Auriol, Georges, 202, 205
Avant Garde magazine, 395–396, 397
 Avedon, Richard, 348
 Ayer, N. W., 164, 343
Azbuka (Alphabet Book), 296
 Babylon, writing, 9–10
Bagazh (Baggage), 298
 Ball, Hugo, 257
 Balla, Giacomo, 255
 Ballmer, Théo, 356, 357
 Barbou, Jean Gerard, 118, 120, 121
 Barbou, Jean Joseph, 118, 124, 125
 Barnbrook, Jonathan, 500, 501
 Barr Exhibits brochure, 479, 480, 481
 Barry, Charles, 152
 Basel, Switzerland. *See also* Switzerland
 International Typographic Style, 356, 363–370
 Renaissance, 110–113
Baseline International Typographics Journal, 523, 524
 Basel realism, 274
 Baskerville, John, 122–125, 127, 130, 140, 500
 Baskerville fonts, 122–125, 127, 130
 Bass, Saul, 378–381, 404, 409
 Batik, 215
 Batista, Fulgenico, 445
 Bauhaus, 214, 266, 290, 310–335, 342, 343, 347, 356, 357, 406, 407. *See also* New Bauhaus (Institute of Design, Chicago, Illinois)
 architecture, 310–311, 315–316
 Desau years, 315–317, 344, 345
 final years, 317–319
 isotype movement, 326–327
 Japan, 451
 maps, 327–328
 Moholy-Nagy, Laszlo, 312–315
 Netherlands, 328–333
 overview, 310
 typography, 313, 315, 316–317, 318–326
 Weimar years, 310–312
Bauhaus (Wingler), 408, 409
 Bauhaus books, 315, 316, 317
Bauhaus magazine, 315, 316, 318, 319
 Bauhaus Manifesto, 310, 311
 Baumberger, Otto, 274
 Bayer, Herbert, 312, 313, 315, 316, 317, 318–319, 324, 330, 342, 343, 344, 346, 347, 352, 406, 407, 471
 BBDO Advertising, 401
Beach Culture, 494, 495
 Beall, Lester, 336, 337–338, 339, 383, 404, 405, 406, 407
 Beardsley Aubrey, 199–202, 207, 208, 221
 Beaton, Cecil, 341
Beat the Whites and the Red Wedge (Lissitzky), 290
 Beatus (monk), 53–54
 Beck, Henry C., 326, 327–328
 Beeke, Anthon, 459–460, 461, 528
 Beekers, Frank, 463, 464
 Beethoven Festival poster, 479, 480, 481
 Beggarstaff Brothers, 269, 270, 271, 277
 Behne, Adolph, 305
 Behrens, Peter, 217, 218, 219, 233–242, 287, 310, 342
 Beilby, Ralph, 130
 Belgium, art nouveau, 211–214
 Beltr-n, Félix, 445, 529
 Bembo, Pietro, 100, 101
 Ben Simeon, Joel, 56
 Benton, Morris F., 188, 189
 Berg, Alban, 427
 Berg, John, 436, 437
 Berkeley Free Press, 439
 Berlewi, Henryk, 304–307
 Bernard, Pierre, 444
 Bernbach, Bill, 375, 389, 390, 397
 Berners-Lee, Tim, 504–505
 Bernhard, Karl, 241
 Bernhard, Lucian, 270, 271–272, 273, 274, 275, 277, 286
 Bernhard Fashion typeface, 484
 Bernhardt, Sarah, 196, 204, 205, 206, 207
 Berté, Jim, 420
 Berthold, Hermann, 127
 Berthold Type Foundry, 271, 272, 273
 Besley, Robert, 136, 137
Better Living magazine, 384
Between the Wars, 382, 383
 “Beware of Wet Paint”: *Designs by Alan Fletcher* (Fletcher), 449
 Bewick, Thomas, 130, 147
 Bézier, Pierre, 489
 Bible, 71, 74, 104
Biblia Pauperum (Bible of the Poor), 67, 68
 Bickham, George (the elder), 119, 121
 Bierut, Michael, 526, 527
 Bifur typeface, 282, 283
 Big Caslon typeface, 500, 501
 Bigg, Chris, 519
 Bill, Max, 356–357, 358, 359
Billboard magazine, 503

- Binder, Joseph, 284, 285, 341–342, 344, 345, 348, 350, 351
- Bing, Samuel, 194, 205, 207
- Bitumen of Judea, 143
- Black and White* magazine, 225
- Black Death, 65, 67
- Black Square* (Malevich), 289
- Blake, Robert, 129
- Blake, William, 128–129, 139
- Blashill, Pat, 494
- Blau monument (Sumerian), 8
- Block printing. *See* Woodblock printing
- Boccaccio, Giovanni, 80, 81
- Boccioni, Umberto, 255
- Bohm, Adolf, 229
- Bologna, Francesco da, 100
- Bondoni, Giambattista, 125, 126–127, 128, 130, 140, 160, 448, 449
- Bonnell, Bill, 477
- Book design. *See also* German illustrated book; Illustrated manuscripts
 American modern art movement, 336, 337
 Arts and Crafts movement, 167–189
 constructivism, 291–293
 Cooper, Muriel, 409–410
 digital design, 519–521, 523, 524, 526
 International Typographic Style, 363
 Tschichold, 323
- Book-jacket design
 digital design, 514, 515, 516, 517, 519, 520, 521
 retro design, 482–485
- Booklet Press, 185
- Book of Common Prayer, 167, 168, 169
- Book of Durrow, 45, 46
- Book of Hours, 58–59
- Book of Kells, 45–50
- Book of the Dead (Tuthmosis III, king of Egypt), 14, 15, 16–17, 43
- Bookplates, 79
- Book publishing. *See also* Publishing industry
 Linotype machine, 142
 Monotype machine, 142
- Bosse, Abraham, 115, 116
- Boston school, chromolithography, 153–155
- Botticelli, Sandro, 199
- Bouche, René, 401
- Boustrophedon, 24
- Bowles, J. M., 186
- Bowyer, William, 121
- Boydell, John, 130
- Boydell, Josiah, 130
- Brade, Helmut, 507, 508, 509
- Bradley: His Book*, 208–209
- Bradley, William H., 207–211, 429
- Brady, Matthew, 147, 148, 150, 151
- Brainerd, Paul, 489–490
- Brain* magazine (Japan), 451
- Braque, Georges, 249, 250
- Brattinga, Pieter, 383, 458, 459
- Braun, Lily, 216, 217
- Breidenbach, Bernardus de, 81
- Breton, André, 260, 262
- Breuer, Marcel, 316, 318, 342, 403
- Broadsheets
 defined, 89
 wood-type poster, 139–140
- Broadside, defined, 89
- Brocar, Arnão Guillen de, 93
- Brodovitch, Alexey, 339–340, 341, 343, 348, 349, 382, 383, 384, 385
- Brody, Neville, 484–486, 487
- Brook typeface, 179
- Broom* (magazine), 290, 291, 312, 313
- Brown, Ford Madox, 169
- Brown, Jim, 390, 391
- Brownjohn, Chermayeff, and Geismar, 381–382
- Brownjohn, Robert, 381, 382, 383
- Bruant, Aristide, 203
- Brucz, Stanley, 307
- Bruguiere, Francis, 266, 267
- Brusse, J., 181
- Brusse, W. L., 181
- Bubonic plague, 65, 67
- Bucolica, Georgica, et Aeneis* (Pastorials, Farming, and Aeneis), 123, 124, 129
- Buddhism, Chinese printing, 37
- Buechler, Robert, 527
- Bufford, John H., 153–154, 155
- Bulmer, William, 130
- Burgess, Arthur, 170, 171
- Burlington Industries, 408
- Burliuk, David, 287, 288, 289
- Burliuk, Vladimir, 287, 288, 289
- Burne-Jones, Edward, 168, 169, 172, 173
- Burnett, Leo, 511
- Burns, Aaron, 396
- “Büro” poster (Ballmer), 356, 357
- Burtin, Will, 342, 343
- Burton, Philip, 382
- Byrdmaniax* (record album), 436, 437
- Byrne, David, 499, 511
- Byrne, Oliver, 167
- Cadmus (king of Phoenicia), 22–23
- Caesar, Julius (emperor of Rome), 43
- Café de Unie (Rotterdam, Oud), 303, 304, 305
- Caflich script typeface, 499
- Caldecott, Randolph, 160
- Calder, Alexander, 348, 349, 350, 351
- Caledonia typeface, 186, 337
- Calendarium* (Record Book), 95–97
- California Institute of the Arts poster, 476
- California Public Radio poster, 478, 479
- Calligraphy
- China, 31–34
 typefaces, 69–70
- Calotypes, 145, 149
- Calvin, John, 109, 116
- Camelot Press, 185
- Camelot typeface, 185
- Camera obscura, 142–143
- Cameron, Julia Margaret, 148, 149, 151
- Camino Real* (Williams), 377
- Cancelleresaca script, 101–103
- Canterbury Tales* (Chaucer), 92
- Cantor, Fredrich, 475
- Capiello, Leonetto, 220
- Capitalism, Industrial
 Revolution, 134
- Capitalis quadrata (square capitals), Latin alphabet, 28
- Capitalis Rustica (rustic capitals), Latin alphabet, 28
- Capitals, French Renaissance, 105–107
- Cardinaux, Emil, 272–274
- Cards, chromolithography, 155–156
- Carlu, Jean, 283, 342, 343, 344, 345, 346
- Carnase, Tom, 392, 393, 396
- Carnivals, chromolithography, 155–159
- Caroline era, illustrated manuscripts, 47–51
- Caroline minuscule, 50, 91
- Carpi, Ugo da, 103
- Carqueville, William, 210–211
- Carré, Carlo, 252, 253, 255
- Carroll, Lewis, 253
- Carry-Us-All carousel poster, 155, 156, 157
- Carson, David, 494, 495
- Carter, Matthew, 383, 498, 500–501
- Cartesian grid, 125
- Cartier-Bresson, Henri, 340
- Carver, Raymond, 483
- Casey, Jacqueline S., 372–373
- Caslon, Henry, 136, 137
- Caslon, William, 121–122, 123, 135
- Caslon, William III, 137
- Caslon, William IV, 135, 137–139
- Caslon fonts, 121, 122, 123, 124–125, 167
- Cassandre, A. M. (Adolphe Jean-Marie Mouron), 279, 281–283, 287, 333, 340, 341, 343, 344, 482
- Castro, Fidel, 445–446
- Catalogs
 American modern art movement, 350, 351
 International Typographic Style, 366, 367
- Cathedral* (Feininger), 311
- Cave paintings, 4–6
- Caxton, William, 90, 91–93, 172
- CBS (Columbia Broadcasting System), 399–402, 403, 437
- CBS (Columbia Broadcasting System) records, 377, 437, 481, 482
- CD-ROM technology, digital design, 504–505
- Celebration of Life and Art: A Consideration of the Theater as the Highest Symbol of a Culture* (Behrens), 234–235

- Celtic book design, illustrated manuscripts, 44–47
- Cendrars, Blaise, 250
- Censorship
American colonies, 115
Renaissance, 103
- The Centaur* (Guerin), 187
- Centaur typeface, 187
- Center for Advanced Research in Design, 411
- Center for Advanced Visual Studies (MIT), 313
- Centum Fabulae ex Antiquis* (A Hundred Old Stories), 114, 115
- Century* (magazine), 164, 207
- Century Guild, Arts and Crafts movement, 169–171
- The Century Guild Hobby Horse*, 169, 170, 171
- Century Schoolbook typeface, 188, 189
- Cercle des XX (Group of Twenty), 211, 214
- Cervantes Saavedra, Miguel de, 113, 182, 183, 529
- “Cervantes XXI” poster (Almeida Herrera), 529
- Cézanne, Paul, 248, 250
- Chagall, Marc, 290
- Chairs at Margate* (Moholy-Nagy), 314, 315
- Champ Fleury*, 106, 107, 108, 109
- Champollion, Jean-François, 10–11
- The Chap Book* (periodical), 207–209
- Charlemagne (Holy Roman Emperor), 47, 49, 51
- Charlemagne typeface, 498, 499
- Charles V (Holy Roman Emperor), 103
- Charles V (king of France), 58
- Charles VII (king of France), 94
- Charles VIII (king of France), 103
- Charles Ives: The 100th Anniversary*, 435
- Charles S. Anderson Design Company, 484, 486, 487, 506, 507
- Charm* magazine, 383
- Chase Manhattan Bank, 406, 407, 409
- The Chase* (Somerville), 130
- Chaucer, Geoffrey, 92, 174, 175
- Chaucer typeface, 172
- Chen-shu (kai-shu)*, Chinese calligraphy, 32, 33
- Cheops* (Leopold), 184, 185
- Chéret, Jules, 195–199, 202, 205, 219
- Chermayeff, Ivan, 381, 382, 383
- Chermayeff, Serge, 381, 382
- Chermayeff & Geismar Associates, 404, 406, 407, 408, 409
- Chevreur, Michel Eugène, 149, 150
- Chiaku-wen*, Chinese calligraphy, 31
- Children, 159–161, 296, 298–299
- “Chimney Sweeper” (Matter), 348, 349, 350
- China, 31–41
calligraphy, 31–34
movable type, 40–41
origins of, 31
paper, 34–35
printing, 35–39
- China Club invitation, 474, 475
- Chin-wen*, Chinese calligraphy, 31–32, 33
- Chi-Rho, 45–46
- Chirico, Giorgio de, 262, 263
- Chiswick Press, 167, 171, 173
- Choffard, Pierre, Philippe, 118, 121
- Chops, Chinese printing, 34, 35–36
- Christianity, 29. *See also* Islam; Religion
illustrated manuscripts, 42, 44–46, 52–54
Renaissance, 100
- Christiansen, Hans, 217
- Christmas Tree* (cumplings), 336, 337
- Chromolithography, 153–157
Boston school, 153–155
invention of, 153
popularity of, 155–157
- Churchill, Winston, 280
- Chwast, Seymour, 429, 431–432, 433, 481
- Cicero, 74, 94
- Cieslewicz, Roman, 427, 428, 530
- Cincinnati Industrial Exposition (1883), 155, 156, 157
- Circuses, chromolithography, 155–159
- La Cité de Dieu* (Augustine, Saint), 93
- The City* (Léger), 250, 251
- City* magazine, 389
- City Medium typeface, 404–405
- Civil War (U.S.), 150, 162, 401
- Clarendon style, 136, 137
- Clark Taber & Company, 157
- Cleland, Thomas Maitland, 188
- Cleopatra (queen of Egypt), 10–11, 13
- Cleveland, Grover, 154
- Cobden-Sanderson, T. J., 177, 178, 179
- Coburn, Alvin Langdon, 266, 267
- Coburn, Ralph, 372, 373
- Code of Hammurabi, 8–9
- Codex
illustrated manuscripts, 43
Latin alphabet, 29
- Cohen, Henry, 443
- Coiner, Charles, 343, 344
- Colin, Paul, 283, 284, 285
- Colines, Simon de, 103, 104, 105, 107, 109, 110, 111, 113
- Colliers’s* magazine, 142, 209
- Colonial America, 115–116
- Colophon, illustrated manuscripts, 42
- Color, cave paintings, 4
- Columbia Broadcasting System (CBS), 399–402, 403, 437
- Columbia Broadcasting System (CBS) records, 377, 437, 481, 482
- Combaz, Gisbert, 214
- Combinaisons ornementales* (Ornamental Combinations, Mucha), 205, 206, 207
- Combined Arts Society, 172
- Comic-book technique, Japan, 453
- Commentary*, 116
- Commercial and Political Atlas*, 124, 125
- Common Sense and Nuclear Warfare* (Russell), 382, 383
- Communication Arts* magazine, 388
- Communist Party, 299
- Composition with Red, Yellow, and Blue* (Mondrian), 300
- Computer-aided graphic design, origins of, 488–490. *See also* Digital design
- Computer technology, development of, 447. *See also* Digital design
- Conceptual image, 424–446
digital posters, 507–514
Europe, 440–445
Polish poster, 424–428, 529–530
third-world posters, 445–446
United States, 428–440
- Concerning the Spiritual in Art* (Kandinsky), 265
- Condak, Henrietta, 435
- Condé Nast publications, 341
- Constantine (emperor of Rome), 29
- Constructivism
De Stijl movement, 299–304
digital design, 518
International Typographic Style, 360
Japan, 448, 451
postmodern design, 481, 482, 483, 484–485
Soviet Union, 287–299
spread of, 304–309
typography, 290–299, 309, 321
- Container Corporation of America (CCA), 342–343, 345–346, 347, 348, 352, 384, 410, 411
- Contes et nouvelles en vers* (Stories and Tales in Verse), 118, 120, 121
- Cook, Roger, 415
- Cooper, Austin, 283–284, 285
- Cooper, Kyle, 517
- Cooper, Muriel, 408, 409–410
- Copperplate engraving
Europe, 77
Renaissance, 113, 115, 116
rococo style, 118–119
- Coronation Gospels, 51
- Corporate identity and design, 399–423. *See also* Trademarks

- CBS, 399–402, 403
 Federal Design
 Improvement Program, 412–414
 maturation of, 404–410
 Music Television (MTV), 422–423
 New Haven Railroad, 403–404
 New York School, 375
 Olivetti, 399
 Olympic Games, 415–421
 overview, 399
 postmodern design, 468–471
 programmed visual identification systems, 410, 411–412, 413
 transportation signage, 414–415
Cosmopolitan (magazine), 164
 Coster, Laurens, 69
 Cotterell, Thomas, 135
 Couperus, Louis, 214, 215, 216, 217
 Cowper, William, 141
 Cranach, Hans, 91
 Cranach the Elder, Lucas, 89
 Cranach the Younger, Lucas, 90–91
 Cranbrook Academy of Art (Michigan), 492–493
 Crane, Stephen, 394, 395
 Crane, Walter, 158, 159–160, 172, 173, 174, 176, 200, 231
 Cranmer, Thomas, 176
 Cremers, Marie, 182, 183
 Cretan pictographs, alphabets, 18–19
 Cronin, Michael, 479, 480, 481
 Cronos typeface, 499
 Cronyn, Melissa, 414, 415
 Crosby, Fletcher, Forbes studio, 447
 Crosby, Theo, 447
 Crouwel, Wilm, 456, 457–458
 Crystal Palace Exhibition (Great Exhibition, London, 1951), 153
 Cuba, posters, 445–446
 Cubism
 American modern art movement, 341
 New York School, 374
 pictorial modernism, 283–285
 Russia, 287
 Cubo-futurism, 287
 Cuffaro, Chris, 494
 Cummings, e. e., 336, 337
 Cummings, John F., 166
 Cuneiform system, 7–9
 Cunningham, Ben, 347
 Currency. *See* Money
 Currier & Ives, 157
 Cylinder seals, 9–10, 17
Dada and Surrealism exhibit (Museum of Modern Art, New York City), 430, 431
 DADA (journal), 257
 Dada movement, 256–262, 267, 290, 295, 303, 328, 331, 337, 430, 453, 454, 477, 482, 483, 484
 Daguerre, Louis Jacques, 144–145
 Daguerreotypes, 144–145
Daily Herald poster (Kauffer), 280, 281
 Dali, Salvador, 264, 340
 Danziger, Lou, 435, 436, 437
 David, Jacques Louis, 128
 Davida Bold typeface, 394, 395
 Davis, Paul, 433, 434, 435
 Daye, Matthew, 115
 Daye, Stephen, 115
 Dead History typeface, 500, 501
De Aetna, 100, 101
 De Bretteville, Sheila, 383
De civitate dei, 94
 Deck, Barry, 500, 501
 Degas, Edgar, 202
 de Groot, J. H., 214, 215
 de Groot, Jacoba M., 214, 215
 DeHarak, Rudolph, 370–372, 383
De Humani Corporis Fabrica (Construction of the Human Body), 111, 113
Deirdre en de zonen van Usnach (Deirdre and the Sons of Usnach), 181, 182
 De Jong & Co. printers, 458
 De Kunera Pers (The Kunera Press), 185
 Delessert, Etienne, 394, 395
 Delftsche Slaolie (Delft Salad Oil), 216, 217
Délire à deux (Frenzy of Two, Ionesco), 443, 444, 445
 Democracy, 25
De Mulieribus Claris (Of Famous Women), 80, 81
De Natura Stirpium Libri Tres, 109
The Departure of the Poet (Chirico), 262, 263
 Depero, Fortunato, 256, 257
De praeparatione evangelica (Evangelical Preparation), 94, 95
Der Ackerman aus Böhmen (Death and the Plowman), 79, 80
Der Blaue Reiter (The Blue Rider), 265, 311
De Re Militari (About Warfare), 98, 99–100
 De Roos, Sjoerd H., 180–181, 182, 185, 216, 217
 Descartes, René, 125
 Descenders, illustrated manuscripts, 44
Design Quarterly magazine, 490, 491
 Desktop publishing, origins of, 490. *See also* Digital design
 de Spira, Johannes, 94, 95
 de Spira, Vindelinius, 94, 95
 De Stijl movement, 214, 285, 290, 299–304, 309, 311–312, 315, 328, 356, 456
De stille kracht (The Quiet Power, Couperus), 214, 215
De Symmetria Parium Humanorum Corporum (Treatise on Human Proportions), 88, 89
 Detroit Focus Gallery mailer, 493
 Deutsche Schrift (German Script), 184, 185
 De Vinne, Theodore Low, 164
De vrouwen kwestie, haar historische ontwikkeling en haar economische kant (The Woman Question, Her Historical Development and Her Economical Side, Braun), 216, 217
 Devûtsil (Nine Forces) group, 307
 De Zilverdistel (The Silver Thistle) press, 185
 Diamond Sutra, 37, 38
 Dickinson Type Foundry, 166
 Didot, Firmin, 127–128
 Didot, Françoise-Ambroise, 127–128, 129, 130, 160
 Didot, Pierre, 127–128, 129
Die Brücke (The Bridge), 265
Die Hamletmaschine (play), 441–442, 443
Die neue Typographie (Tschichold), 320, 321
 “Die Schweigsame Frau” poster (The Silent Woman, Geissbuhler), 512
 Digital design, 488–530
 Africa, 514–517
 book-jacket design, 514, 515, 516, 517
 film titles, 517
 future possibilities, 517–519
 interactive media, 503–507
 magazine design, 495–498
 Mexico, 528–530
 origins of, 488–490
 overview, 488
 photography, 501–503
 pioneers of, 490–495
 posters, 507–514
 type foundries, 498–501
 typography, 522–528
 United Kingdom, 519–521
Direction magazine, 374, 375
 Discovery Channel, 505, 506
Disk (magazine), 307–309
 DiSpigna, Tony, 396
 “Diva Is Dismissed” poster (Scher), 522–523, 524
Dokumente des Modernen Kunstgewerbes... (Documents of Modern Applied Arts), 234, 235
 Dome, Paul, 385
 Domela, César, 309
 Donatus, 71
Don Quichotte (Cervantes), 182, 183
Don Quixote (Cervantes), 269, 270, 271
 Dorfsman, Lou, 402, 403, 482
 Douce Apocalypse, 55–56
 Doves Press, 177–179
 Doyle Dane Bernbach agency, 389, 391, 393, 397
The Dramatic Works of Shakespeare, 130

- Driehoeken bij ontwerpen van ornament* (Triangles in the Design of Ornament, de Groot), 214, 215
- Dritzehen, Andreas, 69
- Dritzehen, Claus, 69
- Dritzehen, Georg, 69
- Druckery, Inge, 382
- Druzstevni Prace publishing house, 307
- Dubonnet poster (Cassandre), 282, 283
- duc de Berry, 58–59
- Duchamp, Marcel, 257, 258, 259, 342
- Dudovich, Marcello, 220
- Duffy, Joe, 484, 485
- Duffy Design Group (Minneapolis, Minnesota), 484
- Dumbar, Gert, 461–462, 463
- “Dunker Church and the Dead,” 150, 151
- Dünne, Hans, 69
- Dupré, Jean, 93
- Duras, Marguerite, 482, 483
- Dürer, Albrecht, 53, 84–89, 107
- Düsseldorf Academy of Art, 154
- Dutch East Indies, 215–216
- DVD technology, digital design, 504–505
- Dwiggins, William Addison, 186, 336
- Dylan, Bob, 430, 431
- East Indies, 215–216
- Eastman, George, 147, 490
- Ecce Homo* (Nietzsche), 213
- Eckerstrom, Ralph, 410, 411
- Eckmann, Otto, 217, 218, 219, 235
- Eckmannschrift, 235
- Eckmann Schriftprobe*, 218, 219
- “Eclipse Music ‘84” concert poster, 456, 457
- Edison, Thomas A., 237
- Éditions du Louvre*, 128, 129
- Editions Gallimard publishing, 442–443
- Een meeuw* (The Seagull), 461
- Egensteiner, Don, 391, 392, 393
- Egypt (ancient), 10–17, 95
- Egyptian style, 136, 137, 138, 139
- Ehrenburg, Ilya, 291
- Eisen, Charles, 118, 121
- Eisenman, Alvin, 382, 383
- Electra Seminegra typeface, 482
- Electra typeface, 337
- Electronic technology, development of, 447
- “Elementare Typographie” (Tschichold), 320, 321, 336
- Elements of Euclid* (Byrne), 167, 168, 169
- Elements of Lettering* (Goudy), 186
- Elizabeth I (queen of England), 447
- Eller, Matt, 501, 502
- Ellis, David, 519
- El nacional* (journal), 529
- Eluard, Paul, 262, 268
- E. Lutz & Company, 468
- Elvis + Marilyn 2X Immortal*, 526
- “Élysée Montmartre bal masqué” (Chéret), 197
- Elzevir, Louis, 116
- Emancipation Proclamation, 402, 403
- Emergency Blood Transfusion Service poster (Games), 285, 286
- Emigre fonts, 493, 500, 501
- Emigre Graphics, 491, 492, 493
- Emigre* magazine, 490, 492, 493
- Emperor typeface, 493
- Empire typeface, 484
- Engelbart, Douglas C., 488–489
- Engelmann, Godefroy, 153
- England. *See also* United Kingdom
- art nouveau, 199–202
- Industrial Revolution, 135
- topography, 121–125, 128–130
- Englersatz AG printers, 468, 469
- Engraving. *See* Copperplate engraving; Photoengraving
- Enschedé printing house, 500
- Entertainments, chromolithography, 155–159
- Epicurus*, 188, 189
- Epistolae ad familiares* (Letter to Families), 94
- Eragny Press, 179
- Erasmus, Desierius, 110
- Erasmus Mediaeval typeface, 183
- Erbar, Jakob, 324
- Erbar typeface, 324
- Erdt, Hans Rudi, 271, 272, 273, 276, 277
- Ernst, Max, 262–263, 342
- Eros* (journal), 394, 395
- Erté (Romain de Tiroff), 339
- Escher, Ghislain (Gielijn) Dapnis, 460–461, 462, 463
- Esquire* magazine, 385, 386, 387, 397, 398
- Essai d’une nouvelle typographie* (Essay on a New Typography), 124, 125
- Essay on Typography* (Gill), 324, 325
- Essex House Press, 176, 177
- Estienne, Henri, 102, 103, 104
- Estienne, Robert, 103, 104, 106, 107, 108, 109, 110, 111
- Euclid, 97
- Eumens (king of Egypt), 29
- Europe. *See also* German illustrated book; specific countries
- copperplate engraving, 77
- movable type, 69–75
- printing, 64–77
- woodblock printing, 64–69
- European Organization for Nuclear Research (CERN, Geneva, Switzerland), 504–505
- Eusebius, 94
- Evans, Walker, 336, 382
- Evening Snow at Kanbara* (Hiroshige), 193
- Evening Squall at Great Bridge near Atake* (Hiroshige), 194
- Exocet typeface, 500, 501
- Exodus* (motion picture), 380, 381
- Experimenta typographica* (Sandberg), 332, 333
- Expressionism, 179, 264–266
- The Face* (periodical), 485, 486, 487
- Facile* (Eluard), 268
- Fact* magazine, 395
- Factory system, Industrial Revolution, 134
- Facundus, 53
- Faerno, Gabriello, 114, 115
- Famous Places in Edo: A Hundred Views* (Hiroshige), 193
- Fang Tao, 38
- Fascism, 342. *See also* Nazi Germany; World War II
- Federal Arts Project, 342
- Federal Design Improvement Program, 412–414
- Federico, Gene, 391, 392, 393
- Feininger, Lyonel, 311
- Feitler, Bea, 388, 389
- Fella, Edward, 492–495
- Ferdinand, Duke of Parma, 126
- Fertile Crescent, 6
- Fields, Michael, 202, 203
- Fifty-three Stages of the Tokaido* (Hiroshige), 193
- Figgins, Vincent, 135, 136, 137, 138, 139
- Fili, Louise, 481, 482, 483
- Film titles, digital design, 517. *See also* specific films
- Filosofia typeface, 500, 501
- Finé, Oronce, 108–109, 110, 111
- Fiori, Quentin, 498
- Fischer, Carl, 397–398
- Fish Magic* (Klee), 266, 267
- Flagg, James Montgomery, 275, 276, 277, 430
- Fleckhouse, Willy, 440–441
- Fletcher, Alan, 447, 448, 449
- Flisak, Jerzy, 425, 426, 427
- Fluxus movement, 459
- Fogelman, James K., 411
- Fong, Karin, 517
- FontBoy interactive catalogue, 506, 507
- Football Hall of Fame, 467
- Forbes, Colin, 447, 448, 449
- For Colored Girls* (play), 434, 435
- Forst, Averell & Co., 156
- Forst, Brian, 506
- For the Voice (For Reading Out Loud, Mayakovsky)*, 291, 292
- Fortune* magazine, 342, 348, 349, 350, 383, 384, 385

- The Fountain* (Duchamp), 257
 Fourdrinier, Henry, 141
 Fourdrinier, Sealy, 141
The Four Gospels, 324, 325
 Fournier le Jeune, Pierre Simon, 117–121, 125, 126–127
 Fragonard, Jean-Honoré, 196
Fraktur style, 89
 France
 art nouveau, 195–199, 202–207
 expressionism, 266
 German illustrated book, 93
 Renaissance, 89, 103–110
 revolution in, 125–126, 134
 typography, 117
 Francis I (king of France), 103, 106, 109
 Francis of Assisi, Saint, 178, 179
 Frank, Robert, 383
 Frankfurt, Peter, 517
 Frankfurt (Germany) Jazz
 Festival poster, 440, 441
 Franklin, Benjamin, 121, 124–125
Freedmen on the Canal Bank in Richmond, 147, 148
 Freemont people, 5
 Freiburger, Michael, 93
 Frellonius, Johannes, 112
 Freud, Sigmund, 262
 Friedman, Dan, 382, 472–475, 477
 Frizzall, S. S., 154
 Froben, Johann, 110–111
 Fromme's Calendar, 229, 230, 231
 FrontShop International, 528
 Froshaug, Anthony, 357, 358, 359
 Frost, Vince, 520, 521
Fruit Bowl (Gris), 250, 251
 Frutiger, Adrian, 361, 383
 Fuchs, Georg, 236, 237
 Fukuda, Shigeo, 383, 454–455
 Fuller, R. Buckminster, 352
 Fust, Christina, 71
 Fust, Johann, 71, 73–75, 79
 Futura typeface, 324, 325, 326, 336, 337, 352, 405
 Futurism, 250–256, 287
 Gage, Bob, 389, 390, 391
Gaiety Girl (Hardy), 270, 271
 Galliard typeface, 500, 501
 Gamble, John, 141
 Games, Abram, 285, 286
 Gan, Aleksei, 289
 Gannett, William C., 221
 Garamond, Claude, 104, 107–109, 110, 111, 112, 113
 Garcia Lorca, Federico, 376, 377
 Gauguin, Paul, 195, 211
 Geismar, Thomas H., 381, 382, 383, 409, 414
 Geissbuhler, Karl Dominic, 512
 Geissbuhler, Stefan, 383, 468, 469, 470–471, 477
General History of Quadrupeds, 130
 Geography, 352
Geometriae elementa (Elements of Geometry), 97
 Geometry
 cave paintings, 4
 constructivism, 304–307, 309
 De Stijl movement, 299–304
 information graphics, 125
 New York School, 396
 pictorial modernism, 284–285
 Renaissance, 97
 Spanish pictorial expression, 52
 Vienna Secession, 231
 Gere, C. M., 172
 Gering, Ulrich, 93
 German illustrated book, 78–93. *See also* Book design; Illustrated manuscripts
 developments in, 89–91
 Nuremberg, 81–89
 origins of, 79–81
 overview, 78–79
 spread of, 91–93
 Germany. *See also* Fascism; Nazi Germany; World War I; World War II
 art nouveau, 216–219
 Arts and Crafts movement, 185
 constructivism, 290–291
 expressionism, 265
 national vision, 447
 Olympic Games, 417, 418–419, 420
 pictorial modernism, 270–272, 277–278, 284–285, 286
 Renaissance, 85
 Gerstner, Karl, 363
 Gesamtkulture, 238
 Gibson, Charles Dana, 163, 275
 Gill, Bob, 383, 447, 448, 449
 Gill, Eric, 323–325, 363
 Gillot, Charles, 199
 Gill Sans series typeface, 323, 324, 325
 Ginzburg, Ralph, 394, 395
 Giovio, Paolo, 108, 109
 Gipkens, Julius, 271, 272, 273, 275, 276, 277
Gismonda (play), 204, 205
 Giusti, George, 342, 350, 351
 Glad Hand Press, 391
Glamour magazine, 383
 Glaser, Milton, 428, 429–430, 431
 Glasgow School, 221–225, 287
 Gleason, Vincent, 413, 414, 415
 Glover, Anne, 115
 Glover, Jesse, 115
 Goines, David Lance, 439
 Gold, illustrated manuscripts, 42
 Goldberg, Carin, 481, 482, 483
 Golden, William, 399, 400, 401, 402
 Golden Cockerel typeface, 324
The Golden Legend (Voragine), 172
 Golden typeface, 172, 173
Gold Finger (motion picture), 382
 Gonda, Tom-s, 410, 411
 Gonnissen, Nikki, 528
 Goodhue, Bertram, 188
 Gorman, Pat, 422, 423, 502, 503
 Gorostiza, José, 529, 530
 Gothic style. *See also* German illustrated book
 Arts and Crafts movement, 172, 177
 illustrated manuscripts, 54–55
 Victorian era, 152–153
 Goudy, Frederic W., 185–186, 187, 188, 207, 336
 Graham, Martha, 380, 381
The Grammar of Ornament, 152, 153
 Grandjean, Philippe, 117, 118, 119, 127
 Granjon, Robert, 112, 113, 114, 115, 500
 Grant, Ulysses S., 162
 Graphic design, Industrial Revolution, 134–166
Graphic Design Manual (Hofmann), 363
 Graphic Paintboxes, 490
Graphis magazine, 448, 449
 Grapus studio, 444–445
 Grasset, Eugène, 180, 195, 198, 199, 202, 204, 205, 207
 Grateful Dead poster, 438
 Graves, Michael, 478, 479
 Gravestone Slate, 123
 Gear, Malcolm, 383
 Great Exhibition (London, 1951), 153
 “Great Ideas of Western Man” advertising campaign, 411
 Greco Rosart typeface, 481
 Greece (ancient), 12, 43, 100
 Greek alphabet, 22–25, 44
 Green, Elizabeth Shippen, 277
 Greenaway, Kate, 160, 161
 Greenhalgh, Howard, 519
 Greeting cards, chromolithography, 155
 Grego, Valentina, 478, 479
 Gregory (pope of Rome), 52
 Greiman, April, 383, 472, 474, 475, 476, 477, 490, 491, 502, 503
 Grief, Gene, 483
 Grierson, Nigel, 519
 Griffo, Francesco da Bologna, 100, 101
 Gris, Juan, 249–250
 Gropius, Walter, 214, 236, 310, 311, 312, 313, 315, 316, 317, 318–319, 342, 356
 Grosz, George, 259, 260, 261
 Growald, Ernst, 270
Grundbegriffe der neuen gestaltenden (Basic Concepts of Form-making), 300
 Guerin, Maurice de, 187
 Guevara, Ernesto (“Che”), 446
 Guild of Handicraft, 176–177
 Gumiel, Diego de, 93

- Gun with Alphabet Squares* (Ray), 268
- Gutenberg, Johann Gensfleisch zum, 69–77, 78, 79, 130, 140, 216, 251, 291
- Gutiérrez, Fernando, 519
- Habit de rotisseur* (The Butcher's Clothes), 116
- Hadders, Gerard, 463
- Haggadot, 56
- Hague and Gill, Printers, 324
- Halbfette Deutsche Schrift (Semibold German Script), 184, 185
- Halftone process, 147–149, 164
- Hamlet* (Shakespeare), 461
- Hammurabi, Code of, 8–9
- Hand and Soul* (Rossetti), 180, 181
- Handbills, wood-type poster, 139–140
- Handy, John, 122
- Hangul (Korean alphabet), 29–30
- Hanson, Rosalie, 473
- Hard Werken Design, 459, 462–463, 464
- Hard werken* (Hard Working, magazine), 462–463
- Hardy, Dudley, 270
- Harper, Fletcher, 160–161, 162
- Harper, James, 160–161
- Harper, John, 160–161
- Harper, Wesley, 160–161
- Harper and Brothers, 160–163, 207
- Harper's Bazaar* (also *Harper's Bazaar*; magazine), 161, 162, 163, 208, 209, 283, 338, 339, 343, 344, 348, 383, 384, 385, 386, 387
- Harper's Illuminated and New Pictorial Bible*, 160, 161
- Harper's Magazine*, 206, 207, 210–211, 270, 271
- Harper's New Monthly Magazine*, 161, 162, 163
- Harper's Weekly* (magazine), 161, 162, 163, 164
- Harper's Young People* (magazine), 161, 162, 163
- Hartmann, fist name (photographer), 441
- Harunobu, Suzuki, 191
- Hauert, Kurt, 527
- Hausmann, Raoul, 259
- Hayes, Harold, 397
- HBF (Hickory Business Furniture) catalog, 479, 480, 481
- He, Jianping, 510, 511
- Headliners Process Lettering, 393
- "Hearing Type," 524, 525
- Hearst, William Randolph, 339
- Heartfield, John, 258, 259, 260, 261, 295
- Hebrew alphabet, 20–21
- Hefner, Hugh, 397
- Heine, Frank, 500, 501
- Helfand, Jessica, 505, 506
- Heller, Steven, 383, 435, 523
- Hellmann, Andreas, 69
- Helvetica typeface, 360, 361, 396, 413
- Hendricks, Thomas A., 154
- Hendrix, Jimmy, 427
- Henkis, Conrad, 74
- Henry VIII (king of England), 111
- Herdeg, Walter, 334, 335
- Herodotus, 9
- Herschel, John, 145
- Herzfelde, Wieland, 259, 260
- Hess, Richard, 433, 434, 435
- Hesse, Fritz, 315
- Het Binnenhuis, 180
- Het Voorhout ende't kostelijke mal* (The Voorhout and the Delightful Comedy), 181–182, 183
- Het zatte hart* (The Drunken Heart), 181, 182
- Hey Diddle Diddle* (Caldecott), 160
- Hickory Business Furniture catalog, 479, 480, 481
- Hideyoshi, Toyotomi, 191
- Hidy, Lance, 12, 42, 95
- Hiebert, Kenneth, 383, 476, 477
- Hieroglyphs (Egypt, ancient), 10–17
- Hill, Bill, 504, 505
- Hill, David Octavius, 148, 149
- Hill, John T., 382
- Hillier, Bevis, 279, 432
- Hillman, David, 519, 521
- Hine, C. Lewis, 199
- Hinkle, Warren, 388
- Hippie subculture, conceptual image, 438
- Hiroshige, Ando, 193–194
- Histoire des quatre fils Aymon* (History of Four Young Men of Aymon, Grasset), 198, 199
- Hitler, Adolf, 260, 261, 278, 344, 350, 424
- The Hobby Horse*, 169, 170, 171
- Höch, Hannah, 258, 259
- Hoe, Richard M., 153
- Ho (emperor of China), 34
- Hoe printing press, 155, 156
- Hoffman, Edouard, 360, 361
- Hoffmann, Josef, 225, 227, 231, 232, 233
- Hofmann, Armin, 362, 363, 364, 365, 382, 471, 475, 511
- Hofmann, Dorothea, 363
- Hofmannsthal, Hugo von, 508, 509
- Hohenstein, Adolfo, 219
- Hohlwein, Ludwig, 277–278, 279
- Hoist, A. Roland, 181, 182
- Hokusai, Katsushika, 191–193
- Holebein the Younger, Hans, 110–111, 112
- Holiday* (magazine), 350, 351
- Holland Fonts, 528
- Hollandsche Mediaeval typeface, 180–181, 183, 185
- Holz, Arno, 251, 253
- Homer, 23
- Homery, Conrad, 74–75
- "Hommage à Yusaku Kamekura" poster (Katsui), 510, 511
- Hooper, William H., 172
- Hoover's Guide to the Top Southern California Companies*, 484, 485
- Horace, 26, 119, 122, 123
- Horae* (Book of Hours), 93
- Tory, 105–106
- Horae in laudem beatissimae Virginis Mariae* (Hours of Our Excellent Virgin Mary), 106, 107
- Horgan, Stephen H., 147, 148
- Horne, Herbert, 171, 173
- Horne, Herbert R., 169
- Horne, Joseph P., 434, 435
- The Horse in Motion*, 150, 151
- Horsley, John Callcott, 155
- Horta, Baron Victor, 195, 211
- HOTBOT logo, 518
- HotWired* magazine, 528
- Houghton, Chip, 517
- The House Beautiful* (Gannett), 221, 222, 223
- House & Garden* (magazine), 339
- Howard, Helen, 463
- Hsiao chuan*, Chinese calligraphy, 32
- Hubbard, Elbert, 179
- Huber, Max, 358–359
- Huelsenbeck, Richard, 257
- Human Rights series (Maviyane-Davies), 515, 516, 517
- Hunter, E. K., 392
- Husz-r, Vilmos, 299, 300, 301, 305
- Hutchins, Robert M., 347
- Huxley, Aldous, 280, 310
- Huxley typeface, 484
- Huygens, Constantin, 181–182, 183
- Hyland, Angus, 519, 520, 521
- Hyperlinks, 505
- Hypertext, digital design, 503–507. *See also* Digital design
- Hypertext Markup Language (HTML), 505
- Hypertext Transfer Protocol (HTTP), 505
- Hypnerotomachia Poliphili* (The Strife of Love in a Dream), 100, 101, 103, 108, 109, 110, 111
- "I Am Walking" poster (Nakajima), 509
- IBM (International Business Machine), 404–405
- Identification, Mesopotamia, 9–10
- Ideographs, 4–6
- Igarashi, Takenobu, 452, 453, 454, 455
- Ihlenburg, Herman, 165–166
- Ikarus system, 498
- Ilic, Mirko, 524, 526
- Illiteracy. *See* Literacy
- Illustrated manuscripts, 42–59. *See also* Book design; German illustrated book Caroline era, 47–51 Celtic book design, 44–47 classical style, 43–44 Islamic, 56–58

- Judaic, 56
late medieval, 58–59
origin of, 14–17
overview, 42–43
Romanesque and Gothic, 54–55
Spanish pictorial expression, 51–54
- Illustrissimae Galliaru Reginae Helianorae* (Famous Gallic Queen Helinaorae), 110, 111
- Il modo de temperare le penne*, 103
- Ilse, princesse de Tripoli*, 205, 206, 207
- Image, Selwyn, 169, 170, 171
- Imagines Mortis* (The Dance of Death), 110, 112
- Imboden, Melchoir, 522, 523
- Immigrants
American modern art movement, 339–342, 352
New York School, 374
- Imprimerie Royale, 117, 125
- Incunabula*, defined, 78
- Incunabula books, 172
- Indonesia, 215–216
- Industrial Revolution, 134–166, 167, 488
children, 159–160
chromolithography, 153–157
editorial and advertising design, U.S., 160–165
lithography, 153
overview, 134
photography, 142–153
popular graphics, 152–153
posters, wood-type, 139–140
printing press, 140–141
signboards, 157–159
typesetting mechanization, 141–142
typographical innovation, 135–139
Victorian typography, 165–166
- Information architecture, 505
- Information graphics
American modern art movement, 350–352
origin of, 125
- Information superhighway, 505
- Ink
Baskerville, John, 123–124
movable type, 70–71
- Inland Printer* (periodical), 207–209
- Inscriptions: Eugene O'Neill to Carlotta Monterey O'Neill*, 383
- Insel Verlag, 319
- Institute of Design (New Bauhaus, Chicago, Illinois), 318
- Insular script, 46
- Interactive media, digital design, 503–507. *See also* Digital design
- International Business Machine (IBM), 404–405
- International Paper Company, 405, 406, 407
- International Typeface Corporation (ITC), 396
- International Typographic Style, 356–373, 447. *See also* Typography
conceptual image, 433
overview, 356
pioneers of, 356–359
postmodernism, 466, 468, 469, 477, 479
programmed visual identification systems, 411
sans-serif type, 360
scientific graphics, 359–360, 361
Switzerland, 363–370
United States, 370–373
Zapf, Hermann, 361–363
- Internet, digital design, 503–507. *See also* Digital design
- Ionesco, Eugene, 443, 444, 445
- Iran, digital posters, 514
- Irongall, 42
- Irving, Henry, 269
- Irwin, Terry, 504, 505
- Ishtar's Descent to the Nether World*, 180
- Islam. *See also* Christianity; Religion
- illustrated manuscripts, 56–58
papermaking, 64
Spanish pictorial expression, 52
Victorian era, 153
- The Isms of Art* (Lissitzky and Arp), 291–293
- Isotype movement, 326–327
- Israel, digital posters, 513–514
- Italy
art nouveau, 219–220
German illustrated book, 91
papermaking, 64
postmodern design, 477–478, 479
Renaissance, 89, 94, 122
typography, 126–127
- i10* (magazine), 308–309
- Itten, Johannes, 311, 312, 512
- Ives, Charles, 435
- Ives, Frederick E., 149
- Ives, Norman, 382, 383, 384, 385, 403–404, 405
- Jackson, Joseph, 135
- Jacobs, S. A., 336, 337
- Jacobson, Egbert, 342, 343, 347
- JAGDA Member's Poster Exhibition, 508, 509, 510
- Jahan (shah of Mughal), 57–58
- Janiszewski, Jerzy, 427, 428
- Japan
Chinese calligraphy, 31
Chinese printing, 37
digital posters, 508–510, 522–523
national vision, 448–455, 456, 457
ukiyo-e movement, 190–194
- Japan Advertising Art Club, 449
- Japanese woodblock, 160
- Jaugeon, Nicolas, 117
- Javanese culture, 216
- Jean (duc de Berry), 58–59
- Jedermann* (Even the Rich Die, Hofmannsthal), 508, 509
- Jeker, Werner, 511
- Jenson, Nicholas, 94–95, 100, 172, 188
- Jerde, Jon, 419
- Jerde Partnership, 419, 420, 421
- Jerome, Saint, 44
- Jessica Helfand Studios, 506
- Joan of Arc* (play), 204, 205
- Johnson, Lionel, 173
- Johnson, Lyndon B., 391
- Johnson, Michael, 518, 519
- Johnston, Edward, 177, 242, 243, 323, 328, 361
- Jones, Owen, 152, 153
- Jones, Robert M., 391–392
- Jones, Thomas H., 148
- Jones's Grammar of Ornament*, 155
- Judaic illustrated manuscripts, 56
- Jugendstil* (youth style), 216–219, 234. *See also* Art nouveau
- Jugend* (youth, magazine), 216–217, 277
- Julius II (pope of Rome), 78
- Kabel typeface, 324, 325, 336, 337
- Kafka, Franz, 265
- Kai-shu* (*chen-shu*), Chinese calligraphy, 32, 33
- Kamekura, Yusaku, 449, 450, 451, 509, 510, 511
- Kandinsky, Wassily, 212, 264, 265, 266, 287, 311, 315, 317, 318, 344–345, 356, 374
- Kane, Art, 348
- Kare, Susan, 489
- Kath, Gitte, 507–508, 509, 514
- Katsui, Mitsuo, 509–510, 511
- Kauffer, Edward McKnight, 279–280, 281, 283, 287, 344, 345
- Keedy, Jeffrey, 500, 501
- Keedy Sans typeface, 500, 501
- Keller, Ernst, 356, 357, 512
- Kelly/Mouse Studios, 438
- Kelmscott Press, 166, 172–176, 185, 186, 187, 200, 201, 208
- Kennedy, John F., 394, 395, 398
- Kenny, Saffron, 517
- Kepes, Gyorgy, 282, 313
- Kerenski, Aleksandr Fyodorovich, 290
- Kerver, Jacques, 108, 109–111
- Kidd, Charles I. (Chip), 514, 515, 516, 517
- Kieser, Gunther, 440, 441
- King, Jessie Marion, 224, 225
- Kirilloff, Nicholas, 414, 415
- Kisman, Max, 528, 529
- Kitchener, Horatio, 275
- Kitching, Alan, 520, 521
- Klee, Paul, 265–266, 267, 311, 315, 356, 374, 383
- Klimt, Gustav, 225, 226, 482, 484, 485

- Klinger, Julius, 271, 274, 275
 Klingspor, Karl, 235
 Klingspor Foundry, 239
 Kluttsis, Gustav, 295, 297, 299
 Knabensberg, Johannes, 79
 Knoll Associates, 348, 349, 437
 Knoll Graphics, 412, 413
 Koberger, Anton, 81–84, 85, 86, 172
 Koch, Rudolf, 184, 185, 324, 361
 Kodak camera, 147, 490
 Koenig, Friedrich, 140–141, 228, 229
 Koenig, Julian, 390, 391
 Koeweiden, Jacques, 528, 529
 Koeweiden-Postma, 528, 529
 Kollwe, Chuck, 390, 391
 Kollwitz, Käthe Schmidt, 264, 265
Konstruktivizm (Gan), 289
 Koppel, Terry, 481
 Korea, movable type, 40–41
 Korean alphabet, 29–30
 Kramer, Frisco, 456–457
 Kranz, Martin, 93
 Krebs Lithographing Company, 156
 Kröller-Müller Museum (Otterlo, Netherlands), 458
 Krone, Helmut, 391
 Kruchenykh, Aleksei, 288, 289
 Kufic characters, 21
 Kuhr, Barbara, 497, 499
Kunst en maatschappij (Art and Society), 180
 Kunstkredit exhibition poster, 472, 473
 Künstlerhaus, 225
 Kunz, Willi, 472, 475–477
Kwadraatblad (Qadrate), 458
- Labels, chromolithography, 157, 158
La biche au bois (The Doe in the Woods, Chéret), 196, 197
La cantatrice chauve (The Bald Soprano, Ionesco), 443
Lacerba (journal), 251, 255, 256
 Lacertines, 45
La cité de Dieu (Augustine, Saint), 93
La cronica (journal), 529
- Lady Sat-tetylyn, 13
La fin du monde, filmée par l'Angel of Notre-Dame (The End of the World, filmed by the Angel of Notre-Dame, Cendrars, Léger), 250, 251
 La Fontaine, Jean de, 118, 120, 121
La Gerusalemme liberata (Liberation of Jerusalem), 128, 129
 “La Goulue au Moulin Rouge” (Lautrec), 202, 203
 “La Maison Moderne” (Orazi), 206, 207
Language Technology magazine, 528
 Lanston, Tolbert, 142
La operina da imparare di scrivere littera cancellaresca (The First Writing Manual of the Chancery Hand), 103, 104
Large Passion of Life, 85
 Larmessin, N. de, 116
 Lascaux caves (France), 4, 5
 Laser printer, 489
 Laskoff, Franz, 220
 Later modernism, 466
 Latin alphabet, 26–29
L'Atlantique poster (Cassandre), 280, 282, 283
 Lughton, James, 376
 “L'aureole du midi” (Chéret), 197
 Lauweriks, J. L. Mathieu, 236, 237
La vita et matamorfoseo (Metamorphoses), 114, 115
 Leavenworth, William, 139
 Lebeau, Chris, 215
 Lebedev, Fladimir Vasilevich, 296, 298–299
 “Le Chat Noir” (Steinlen), 203, 204, 205
 Le Corbusier, 241
Le-Dantyu as a Beacon (Zdanevich), 288, 289
 Leete, Alfred, 275, 276, 277
Lef (magazine), 294–295
Legend (St. Francis of Assisi), 178, 179
 Léger, Fernand, 250, 251, 333, 343
- Le grand paranoiac* (The Great Paranoid, Dali), 264
 Lehmann, Otto, 275, 276, 277
 Lehning, Arthur Müller, 309
Le journal illustré (magazine), 149
 Lemmen, Georges, 211, 212
 Lenica, Jan, 426–427
 Lenin, V. I., 296, 297
 Leo III (pope of Rome), 49
 Leo X (pope of Rome), 79
 Leo Burnett agency, 511
 Leopold, J. H., 184, 185
 Lepère, Auguste, 179
Le premier livre des narrations fabuleuses (The First Book of Fabulous Stories), 114, 115
Les heures de Jean Lallemand (The Hours of Jean Lallemand), 104, 105
Leslie's Weekly (magazine), 162
Les Vingt (The Twenty), 211, 212
Letters of Indulgence, 71, 73
 Leu, Olaf, 447
 Leupin, Herbert, 274, 435, 436, 437
 Levenson, Larry, 390, 391
 Levy, Emile, 158, 159
 Lévy, Jean-Benoît, 511
 Levy, Louis, 149
 Levy, Max, 149
 Leyendecker, Joseph C., 275–276, 277
 Liberation Graphics (Alexandria, Virginia), 445
Liber Chronicarum (Nuremberg Chronicle), 81–82
 Liberman, Alexander, 339, 341, 383
 Licko, Zuzana, 490, 491–492, 493, 500, 501
 Lienemeyer, Gerhard, 441, 442, 443
 `Li Fangying, 32, 34
Life magazine, 386
The Life of the Virgin, 85, 87
Light Abstraction (Bruguiere), 266, 267
 Lighting, Behrens, Peter, 240–241
 LightSpeed system, 490
L'illustration (magazine), 149
 Limbourg, Herman, 58–59
 Limbourg, Jean, 58–59
- Limbourg, Paul, 58–59
 Lincoln, Abraham, 150, 162
 Lindisfarne Gospels, 45, 47
Line and Form (Crane), 230, 231
 Linotron, 489
 Linotype machine and company, 141–143, 500
L'intransigeant post (Cassandre), 280, 281
 Lionni, Burtin, 383
 Lionni, Leo, 347, 383, 384, 385
 Lippincott & Margules, 404
Lippincott's magazine, 210–211
 Lisa computer, 488
 Lissitzky, El (Lazar Markovich), 259, 289–294, 295, 302, 303, 304, 309, 330, 331, 475
 Li Ssu, 32
 Literacy historical perspective, 18
 increase in, 164
 printing, 78
 Lithography, 153
 Lithos typeface, 498, 499
Littérature (journal), 262
 Livemont, Privat, 214
 Loesch, Uwe, 512–513
 Loeser, Judith, 484, 485
 Loeslein, Peter, 95
 Löffler, Berthold, 232
 Logos. See Corporate identity and design; Trademarks
 Lohse, Richard P., 359, 364
 Lois, George, 397–398
 Lönberg-Holm, Knut, 350
 London Underground Electric Railways, 242–243, 268, 280–281, 284, 285, 327–328
 Longhauser, William, 478, 479
Look magazine, 376, 386
 Loos, Adolf, 229, 287
 Los Angeles, California Olympic Games, 417–421
 Los Angeles Institute of Contemporary Art, 491
Los Angeles Times (newspaper), 389
 Loubier, Hans, 234–235
 Louie, Lorraine, 482, 484, 485
 Louis XI (king of France), 94
 Louis XV (king of France), 117
 Louis XVI (king of France), 117

- "Love" graphic, 438, 439
The Lover (Duras), 482, 483
 Lowercase alphabet, Caroline
 minuscule, 50
 Lubalin, Herb, 392, 393–396,
 397, 481, 482
 Luce, Louis René, 124,
 125–126
 Lufthansa German Airlines,
 410, 411
 Lukova, Luba, 508, 509
 Lumley, Saville, 275, 276, 277
 Lustig, Alvin, 375–376, 377,
 378, 379, 381, 382
 Lutetia typeface, 181
 Luther, Martin, 79, 89–91
 Lutzelburger, Hans, 111
Luxe masthead, 474, 475
 Lyons, France, Renaissance,
 110–113
Lysistrata (Aristophanes), 200
- Macdonald, Frances, 221, 222,
 223
 Macdonald, John, 148
 Macdonald, Margaret, 221,
 222, 223
 Macintosh computers, 488,
 489, 490, 496, 503
 MacKellar, Smiths & Jordan,
 165
 Mackintosh, Charles Rennie,
 221, 222, 223
 Mackmurdo, Arthur H.,
 169–171
Mademoiselle magazine, 383,
 431
 Maeda, John, 518–519
 Magallanes, Alejandro, 530
 Magazine industry, 160–164,
 383–389, 495–498. *See also*
 specific magazines
 Magritte, René, 262, 263, 433
 Maier, Bernhard (Pictor), 96,
 97
 Makela, Laurie Haycock, 501,
 502
 Makela, P. Scott, 500, 501
 Maler, Bernhard, 95
 Malevich, Kasimir, 287, 288,
 289, 299, 309
 Malik Verlag publishing house,
 260
 Mallarmé, Stéphane, 253, 254,
 255
 Malory, Thomas, 92, 200
Manfred (Fuchs), 236, 237
- Manhattan Design, 422, 423,
 503
 Manifesto of Futurist
 Architecture, 255–256
 Manifesto of Futurist Painters,
 255
 Mannerism, 466–467
 Mansion, Colard, 90, 91
 Mantegna, Andrea, 500
 Mantinia typeface, 500, 501
Manuale tipografico (Manual
 of Type), 126, 127, 128
Manuale Typographicum, 362,
 363
Manuel typographique
 (Manual of Typography),
 118, 120, 121, 127
 Manutius, Aldus, 100–103,
 109–110, 489–490
 Manwaring, Michael, 479,
 480–481
The Man with the Golden Arm
 (motion picture), 380,
 381
Man with Violin (Picasso), 249
 Maps, 326, 327–328, 352
 "Maria Stuarda, 2002 poster
 (Geissbuhler), 512
Marie and Napoleon (play),
 426, 427
 Marinetti, Filippo, 250–251,
 252, 253, 255, 260,
 287, 384, 522
 Marrhies, Holger, 512, 513
 Marshak, Samuil, 298
 Martin, Robert, 122
 Martin, William, 130
 Martinez, Raul, 445, 446
 Mary of Burgundy, 89
 Masanobu, Okumura, 191
 Massachusetts Institute of
 Technology (MIT),
 372–373
 Massachusetts Institute of
 Technology (MIT) Media
 Lab, 410
 Massachusetts Institute of
 Technology (MIT) Media
 Lab/MIT Press, 408, 409,
 410
 Massey, John, 412–413
 Massin, Robert, 442–443, 444,
 445
 Mass production, Industrial
 Revolution, 134
 Master of the Playing Cards,
 77
 Mataloni, Giovanni, 219–220
- Matisse, Henri, 266
 Matrix typeface, 493
 Matsunaga, Shin, 509, 510,
 511
 Matter, Herbert, 333–334,
 335, 341, 342, 343,
 346, 347, 348, 349,
 350, 351, 359, 382,
 403, 482, 483
 Mattila, Kurt, 517
 Maviyane-Davies, Chaz,
 514–515, 516, 517
 Max, Peter, 438–439
 Maximillian (emperor of
 Germany), 89
 Mayakovsky, Vladimir, 287,
 288, 289, 291, 292, 294
 Mayes, Herbert, 384
McCall's magazine, 384, 385,
 386, 387
McClure's (magazine), 164
 McConnel, John, 521
 McCoy, Katherine, 492, 493
 McCoy, Michael, 492
 McGinnis, Patrick, 403
 McGraw-Hill Publishers, 370,
 371
 McLaughlin, Dennis, 413, 414,
 415
 McLuhan, Marshall, 447, 475,
 476, 498
 McMullan, James, 432–433,
 434, 435
 McNair, J. Herbert, 221, 222,
 223
 McShane, Patricia, 517–518
 Mead Paper Company, 502,
 503
 Mechano-faktura theory,
 304–307
 Meckel, David, 419
Médailles folio, 117, 118
 Medieval era, illustrated manu-
 scripts, 44–47
The Medium is the Message
 (McLuhan), 498
 Meggs, Philip B., 309
 Melior typeface, 361
 Memphis group, postmodern
 design, 477–478, 479
 Menes (king of Egypt), 10
 Mergenthaler, Ottmar,
 141–143
Merry Adventures of Robin
 Hood (Pyle), 164, 165
 Merz movement, 259, 291,
 309
 Mesopotamia, 6–10, 31
- MetaDesign San Francisco,
 504–505
Metaphysics, 102
 Metcalf, Jane, 497
 Metlicovitz, Leopoldo, 219
 Metropolitan Museum of Art
 (New York City), 436,
 437
 Metro typeface, 337
 Metz, Frank, 482, 483
 Mexico
 digital design, 528–530
 Olympic Games, 415–417,
 418
 Meyer, Adolf, 241, 356
 Meyer, Hannes, 317
 Meyer, Rudi, 511–512
 Meyers, Linda, 414, 415
 Middendorp, Jan, 69
 Miedinger, Max, 360, 361
 Mieke, François, 444
 Mies van der Rohe, Ludwig,
 236, 317–318, 342, 478
 Miguel, Pere, 95
 Miller, Lee, 341
 Milton, John, 130
 Minion typeface, 499
 Miniscules, Italy, 91
 Minoan civilization, 18–19
 Minolta Corporation, 408, 409
 Mirko Ilic, Inc., 524
 Miró, Joan, 264
 Mirrors, 69
 MIT. *See* Massachusetts
 Institute of Technology
 (MIT)
 Mitchell, Susan, 484, 485
 Mitsuo, Doki, 451
 Mobil Oil Corporation, 408,
 409
*Modèle des caractères de l'im-
 primerie* (Models of
 Printing Characters),
 117–118
 Modern art, 248–268. *See also*
 American modern art
 movement; Pictorial
 modernism; Twentieth
 century design
 cubism, 248–250, 251
 Dada movement, 256–262
 expressionism, 264–266
 futurism, 250–256
 photography, 266–268
 social change, 248
 surrealism, 262–264
Modern Art in Your Life
 (MoMA), 435

- Modern Art Quarterly* (magazine), 155
- Modern Dance* (Armitage), 336, 337
- Modernist design, 219
- Modern style, typeface, 221
- Modley, Rudolf, 327
- Modula typeface, 493
- Mohajer, Mehran, 515
- Moholy-Nagy, Laszlo, 144, 300, 308, 309, 312–315, 316, 317, 318, 333, 339, 342, 343, 356, 381, 382
- Mok, Clement, 505–507
- Mondrian, Piet, 299, 300, 301, 315, 342
- Money
 - Chinese printing, 37–38
 - digital design, 517–518
 - Netherlands, 458, 460
 - paper money, Chinese printing, 37–38
- Monguzzi, Bruno, 469, 470, 471
- Mononobu, Hishikawa, 190, 191
- Montage, constructivism, 294
- Montalvo, German, 529, 530
- Moore, Charles W., 467
- Morandi, Giorgio, 429
- More, Thomas, 111
- Moretus, John, 113
- Morgan Press, 393
- Morison, Stanley, 324, 326
- Morozhenoe* (Ice Cream), 296
- Morris, Marshall, Faulkner and Company, 168, 169
- Morris, May, 179
- Morris, Talwin, 224, 225
- Morris, William, 117, 167–169, 171, 172–175, 176, 177, 179, 180, 186, 200, 202, 207, 211, 238, 310
- Morris Père et Fils, 158, 159
- Morse, Joseph, 157, 158, 159
- Morte d'Arthur* (Malory), 92, 200
- Moscoso, Victor, 438, 439
- Moser, Koloman, 225, 226, 227, 228, 229–231, 284
- Moss, John Calvin, 147
- Moss Engraving Company, 166
- Motion pictures. *See also* specific films
 - film titles, digital design, 517
 - New York School, 381, 382
 - photography development, 150, 151
- Mountain and River Landscape* (Shitao Yuanji), 34
- Mouse, 488–489
- Movable type
 - China, 40–41
 - Europe, 69–75
- Movie Makers* (magazine), 256
- Mrs Eaves typeface, 500, 501
- Ms.* magazine, 388, 389
- MTV (Music Television), 422–423, 487, 498, 502, 503
- Mucha, Alphonse, 205–207, 214, 429
- Müller-Brockmann, Josef, 364–367, 368
- Munkacsí, Martin, 339
- Murdoch, Peter, 416, 417, 418
- Musa Sa'íd al Sa'ídi al Najj (Quran manuscript), 22
- Museum journal voor moderne kunst* (Museum Journal of Modern Art), 332, 333
- Museum of Modern Art, New York City, 430, 431, 435, 438
- Musician*, 495
- Music Television (MTV), 422–423, 487, 498, 502, 503
- Musselwhite, Philip, 414, 415
- Muthesius, Hermann, 238, 242
- Muybridge, Eadweard, 150, 151
- Myriad typeface, 499, 500, 501
- Nabis group, 195
- Nadar, F. T., 149, 150
- Nagai, Kazumasa, 451, 452
- Nakagawa, Linda, 517
- Nakajima, Hideki, 508–509
- Naked* (Sedaris), 515
- Napoleon Bonaparte (emperor of France), 10, 137
- Nast, Condé, 339, 341
- Nast, Thomas, 161–162, 163
- National Aquarium (Baltimore, Maryland), 408
- National Broadcasting Company (NBC), 408
- National Center for Supercomputing Applications (NCSA), 505
- National Endowment for the Arts, 412
- National Science Foundation (NSF), 504
- National vision, 447–465. *See also* specific countries
 - Japan, 448–455, 456, 457
 - Netherlands, 456–465
 - United Kingdom, 447–448, 449
- Nazi Germany, 259, 278, 318, 322–323, 331, 342, 344, 345. *See also* Fascism; Germany; World War II
- NBC (National Broadcasting Company), 408
- Nebuchadnezzar (king of Babylon), 10
- Neruda, Pablo, 428
- Netherlands, 116, 285
 - art nouveau, 214–216
 - Arts and Crafts movement, 180–184
 - De Stijl movement, 299–304
 - digital design, 527–528
 - typography, 328–333
- Neuburg, Hans, 364–367
- Neue Haas Grotesk typeface, 360, 361
- Neue Jugend* (New Youth, journal), 260
- Neuland typeface, 184, 185
- Neurath, Otto, 326–327
- New advertising, New York School, 389–391
- New Bauhaus (Institute of Design, Chicago, Illinois), 318, 342. *See also* Bauhaus
- Newberry, Francis H., 221, 225
- New Directions publishing house, 376
- New Graphic Design* (journal), 364, 365, 366, 367
- New Haven Railroad, 403–404
- “New Music Media” poster, 455
- New Objectivity, 233–242
- Newspapers
 - conceptual image, 434
 - Linotype machine, 141–143
 - printing press, 140–141
- New Specimen of Printing Types*, 136, 137
- New typography, 319–333
- New-wave typography, post-modern design, 471–477
- New West* magazine, 389
- New York Daily Graphic* (newspaper), 147
- New York Herald Tribune* (newspaper), 387
- New York* magazine, 387, 388, 389
- New York School, 374–398
 - advertising, new, 389–391
 - editorial design, 383–389
 - Lois, George, 397–398
 - overview, 374
 - pioneers, 374–383
 - typographic expressionism, 391–396, 397
 - Yale University School of Art, 382–383
- The New York School: The First Generation* (Danziger), 436, 437
- New York Times* (newspaper), 417, 423, 524
- The Next Call* (magazine), 330, 331
- NeXT Computer, 405, 406, 407
- Nicholas II (czar of Russia), 287
- Nicholas V (pope of Rome), 71
- Nicholson, William, 269–270, 271
- Nickel Library* (magazine), 164–165
- Nicol, W., 130
- Niepcé, Joseph, 143–144, 147
- Nietzsche, Friedrich Wilhelm, 212, 213
- Nieuwe Kunst, 214–216. *See also* Art nouveau
- Nieuwe Iotén* (New Cuttings), 182, 183
- Nihon Buyo* poster, 451, 452
- Nijhoff, Martinus, 185
- Nixon, Richard M., 398
- Nogami, Suichi, 522, 523
- “Norm” poster (Ballmer), 356, 357
- North Semitic alphabet, 19–20
- The Notebooks of Malte Laurids Brigge* (Rilke), 484, 485
- Novyi Ief* (magazine), 294–295
- Nowinski, Marian, 428

- Noyes, Eliot, 405
Nude (Picasso), 249
 Nuremberg, Germany, 81–89
Nuremberg Chronicle (Liber Chronicarum), 81–84, 86–87
 N. W. Ayer agency, 384
 N. W. Ayer and Son, 164
 Nypel, Charles, 180, 181–183
- Oakland typeface, 493
 O'Brien, John, 159
The Octopus (Coburn), 267
 Odermatt, Siegfried, 367–370, 468–469
 Odgers, Jayme, 475, 476
 Offenbach, Jacques, 196
Okhota (The Hunt), 296
 Olbrich, Joseph Maria, 225, 227, 234
 Olden, Georg, 401–402, 403
 Old Style typefaces, 378, 395
 Olinsky, Frank, 422, 423
 Oliver, Vaughan, 518, 519
 Olivetti, Adriano, 399
 Olivetti, Camillo, 399
 Olivetti Corporation, 384, 399, 400, 401
 Olympic Games, 415–421, 426, 427, 449, 450, 451
 O'Neill, Eugene, 433, 434, 435
Opera Horati (Works of Horace), 119, 122, 123
Opera (Works), 101
Opera (Works, Vergil), 126, 127
 Oporinus, Johann, 111, 112, 113
 Optima typeface, 361
 Orazi, Emmanuel, 206, 207
 Orbach's Department Store, 390, 391
 Organization of Solidarity with Asia, Africa, and Latin America (OSPAAAL), 446
 Ormesby Psalter, 55
Orphée aux Enfers (Orpheus in Hades, Chéret), 196, 197
 Orsi, Luigi, 127
 O'Sullivan, Timothy H., 150, 151
 Otto II (Holy Roman Emperor), 51
 Oud, Jacobus Johannes Pieter, 299, 303, 304, 305
Oui magazine, 389
Our Navy, 155, 156
 Ovid, 114, 115
 Oxenaar, R. D. E., 458
- Packaging, chromolithography, 157, 158
 Paepcke, Elizabeth Nitze, 342, 347
 Paepcke, Walter P., 342–343, 347, 352
 Page-layout programs, 488–490
 PageMaker software, 488, 489–490
 Painting, Chinese calligraphy, 32
 Palatino, Giovanni Battista, 103
 Palatino typeface, 361, 362
 Palazzo, Peter, 387, 388, 389
 Pannartz, Arnold, 90, 91, 94, 95, 177
 Paper
 Baskerville, John, 124
 China, 34–35
 Europe, 64, 69
 Industrial Revolution, 141
 Paper money. *See* Money
 Papert, Koenig and Lois agency, 397
 Papini, Giovanni, 251
 Papyrus, 12–14, 28
 Papyrus of Ani, 16
 Papyrus of Hunefer, 16
Paradise Regained, 123
 Parchment
 illustrated manuscripts, 42, 43
 Rome, 28–29
 Paris-Clavel, Gerard, 444
 Parker, C. W., 156, 157
Parole in libertà (words in freedom), 251, 252, 253
 Parrish, Maxfield, 211
 Parsons, Charles, 162–163
Passional Christi und Antichritis (Passional of Christ and Antichrist), 89–91
 Pattern poetry, 251
 "Peace" poster (Lukova), 509
 Peckolick, Alan, 396
Pedagogical Sketchbook (Klee), 266
 Peignot typeface, 282, 283
 Pelavin, Daniel, 482, 484, 485
 Pelikan Ink Company, 291, 292
The Pencil of Nature (Talbot), 145, 146, 147, 152
 Penfield, Edward, 210–211
 Penguin Books, 323
 Penn, Irving, 341, 348
 Pentagonam studio, 447–448, 449, 519, 521, 527
 Perception, Renaissance, 78–79
Peregrinationes in Montem Syon (Travels in Mount Syon), 81, 82
 Periodicals, Linotype machine, 142. *See also* specific magazines, periodicals and journals
 Perlmutter, Jerome, 412
 Perpetua typeface, 324
 Perry, Matthew C., 194
 Persia, illustrated manuscripts, 57
Pervyi tsikl lektsii (First Circle of Lecture, Malevich), 287, 288, 289
 Peterson, Scott, 506
 Petroglyphs, 4–6
 Pevsner, Nikolaus, 194
 Pfister, Albrecht, 79, 80
 Phaistos Disk, 18, 19
 Phillip II (king of Spain), 113
 Phoenicia, North Semitic alphabet, 19–20
 Phoenician alphabet, 22–24
 Phonograms, 12
 Photoengraving, 147–149
 Photograms, 145
 Bauhaus, 314
 postmodernism, 469
 Photography, 142–152
 American modern art movement, 339, 341, 348
 Bauhaus, 313–315
 conceptual image, 443
 development of, 149–150
 digital design, 495, 501–503, 508
 inventors of, 143–147, 490
 modern movement, 266–268
 Netherlands, 461, 464
 New York School, 375
 phototypography, 392–396, 397
 postmodern design, 475, 486
 principle of, 142–143
 printing applications, 147–149
 as reportage, 150–152
 typography, 331, 333–335, 384, 482
 Photomontage, 258, 259, 294–295
 Phototypography
 New York School, 393–396, 397
 origins of, 392–393
 Phototypesetter, 394
 Phyllis script, 481
 Picasso, Pablo, 248–250, 253, 396, 397, 430
 Piccirillo, Charlie, 390, 391
 Pick, Frank, 242–243
 Pickering, William, 167, 168, 169
 Picouchet, Philippe, 93
 Pictographs, 4–6, 7, 11, 12, 31, 32, 379, 381
 Pictorial modernism, 269–286.
 See also American modern art movement;
 Modern art; Twentieth century design
 Beggarstaff Brothers, 269–270
 Hohlwein, Ludwig, 277–278, 279
 Plakatstil, 270–272
 postcubist, 278–286
 Switzerland, 272–274
 World War I, 274–277
 Pictorial Printing Company of Chicago, 164–165
 Pine, John, 119, 122, 123
 Pineles, Cipe, 383, 384, 385
 Pintori, Giovanni, 399, 400, 401
Pioneers of Modern Design (Pevsner), 194
Pioneers of Modern Typography (Spencer), 447
 Pirelli tires, 424, 425
 Pirtle, Woody, 437, 502, 503
 Pi Sheng, 40–41
 Pissarro, Esther, 179, 180
 Pissarro, Lucien, 179, 180, 185
 Pittman, Bob, 422
 Plakatstil, 270–272, 277, 279.
 See also Pictorial modernism
Plans, Elevations, Sections, and Details of the Alhambra (Jones), 153
 Plantin, Christophe, 112–113, 114, 115
Playboy magazine, 397
 Playfair, William, 124, 125
 Playing cards, woodblock printing, 64–65
 Pleydenwurff, Wilhelm, 83, 85

- Pliny the Elder, 12
 Plunkett, John, 497, 499–500
 Pluta, Wladyslaw, 526
PM magazine, 280, 336, 337, 344
 Pneumatik poster, 313
Poems (Johnson), 173
Poems of Adoration (Fields), 202, 203
 Poetica typeface, 499
 Point system, Didot, Françoise-Ambroise, 127
 Polish poster, 424–428, 529, 530
 Political cartoons, 162, 163
 Polyglot Bible, 93, 113, 114, 115
 Popular music, conceptual image, 438–439, 440, 441
Portfolio magazine, 348, 349
 Postage stamps, 456, 457, 458, 463, 528
 Postal and Telecommunications Service (PTT, Netherlands), 458, 459, 465
 Postcubist pictorial modernism, 278–286
 Posters. *See also* Conceptual image
 American modern art movement, 338–339, 341, 342, 344–346, 348, 350
 art nouveau, 195–199, 202–207, 210–211, 214, 216, 217, 219–220
 Bauhaus, 313
 chromolithography, 154, 155–157
 competition, 157–159
 conceptual image, 424–446
 constructivism, 289, 296–298, 302, 304, 306–307
 corporate identity, 400, 401, 415
 Dada movement, 260–262
 digital design, 491, 492, 502, 503, 507–514, 517, 522–524, 526–530
 expressionism, 265
 Glasgow School, 222–223
 International Typographic Style, 356–359, 363–365, 366–368, 372–373
 Japan, 448–449, 451–453
 Netherlands, 457, 459, 461, 463
 new typography, 322
 New York School, 375, 377, 382, 384, 394, 397
 photography, 333–335
 pictorial modernism, 269–286
 postmodern design, 469, 470–471, 472, 473, 476, 478, 479–481
 propaganda, 274–277
 public transport, 242–243
 retro style, 482, 483
 Vienna Secession, 225–226, 229–231
 wood-type poster, 139–140
 Postma, Paul, 528, 529
 Postmodern design, 466–487
 Memphis group, 477–478, 479
 overview, 466–467
 precursors to, 466–467
 retro and vernacular styles, 481–487
 San Francisco, California group, 477, 478–481
 Switzerland, 468–470
 term of, 466
 typography, new-wave, 471–477
 Postmodern Typography:
 Recent American Development exhibition, 477
 PostScript font, 489
 PostScript programming language, 488, 489, 498
The Power of Print and Men, 336
 Pragmatics, 358
 Prang, Louis, 154–156, 157, 186
Prang's Chromo (magazine), 155
 Prehistory, 4–6
 Prejza, Paul, 419
 Preminger, Otto, 381
 Priester marches poster, 270, 271
Prikliucheniya chuch-lo (The Adventures of the Scarecrow), 296, 298
 Printer's trademark, 73, 75, 95, 102, 104–106. *See also* Corporate identity; Trademarks
 Printing. *See also* German illustrated book; Typefaces; Typography
 China, 35–39
 Europe, 64–77
 photography, 147–149
 spread of, 78–79
Printing and the Renaissance: A Paper Read before the Fortnightly Club of Rochester New York by John Rothwell Slater, 188, 189
 Printing press
 Baskerville, John, 123–124
 Industrial Revolution, 140–141
 movable type, 71
Printing Shop — The Plate Printer, 115
Print magazine, 384, 388, 437
 Private press movement, Arts and Crafts movement, 176–180, 185
 Product information, American modern art movement, 350–352
 Programmed visual identification systems, 410, 411–412, 413
 Propaganda
 American modern art movement, 344–346
 constructivism, 295, 296–297, 299
 pictorial modernism, 274–277
 Propaganda Fide, 126
 Protas, Judy, 390, 391
 PROUN style, 290, 475
 Pryde, James, 269–270
 Psalters
 Essex House Press, 176, 177
 moveable print, 73–75, 79
Psyche (Couperus), 216, 217
 Psychedelic posters, 438, 439
 Ptolemy V (pharaoh of Egypt), 10–11, 13, 28
 Public transport, advertising, 242–243
 Publishing industry, rise of, 160–165
 Pugin, A. W. N., 152–153
 Pullman, Christopher, 383
 Purcell, Kerry William, 523, 524, 525
Push Pin Almanack (publication), 429
 Push Pin Studios, 401, 429, 432–434, 437, 446, 466, 481
Push-Pin style, 431–432
 Pyle, Howard, 163, 164, 165, 211
 Pyramid of Uncas, 14
 Quantrel Video, 490
 QuarkXPress software, 495
The Quarterly (journal), 482, 484, 485
 Querengässer, Fritz, 410, 411
 “Qyuxite” poster (Almeida Herrera), 529
 Radical modernism, 475
 Radl, Christoph, 477–478, 479
Railroad Alphabet (Crane), 158–159
 Railroads, pictorial modernism, 280–281
 Railway Type, 323, 328
 Rambow, Gunter, 441–442, 443
Ramparts magazine, 388, 389
 Rand, Ian, 374
 Rand, Paul, 12, 374–375, 376, 377, 379, 382, 390, 404–405, 406, 407, 435, 477
 Raphael, 171
 Ras Shamra script, 20
 Ratdolt, Erhard, 95, 96, 97, 99, 172
 Rathenau, Emil, 237–238, 242
 Ray, Man (Emanuel Rabinovitch), 266–268, 339, 340, 343, 511
Ray Gun, 494, 495
 Read, Herbert, 220
 Rebus system, 12, 13, 404, 405
 Record albums, 377, 378, 379, 381–382, 430, 431, 432, 433, 435, 436, 437, 481, 484, 486, 487, 510, 511
Recuyell of the Histories of Troy, 91
Red Fuji (Hokusai), 193
 Red Letter Shakespeare series, 224
ReD (magazine), 307
 Reed, Ethel, 209–211
 Reed, Lou, 510, 511

- Reformation, 79, 89, 109
Regardie's, 495
 Regiomontanus, 95–97
 Reichert, Hans Dieter, 523, 524, 525
 Reid, Whitelaw, 142, 143
 Reidermeister, Marie, 326, 327
 Reilley, James, 159
Reine de joie (Lautrec), 203
 Religion. *See also* Christianity; Islam
 illustrated manuscripts, 42–43, 42–59
 moveable print, 71–75, 79
 Renaissance, 103, 112
 Sumerian people, 6
 woodblock printing, 65–67
 Remedy typeface, 500, 501
 Renaissance, 94–116
 Basel/Lyon centers, 110–113
 defined, 94
 France, 103–110
 Germany, 85
 Italy, 94–103, 122
 perception, 78–79
 seventeenth century, 113–116
 Renner, Paul, 324, 325
 Retro style, postmodern design, 481–487
 Reuwich, Erhard, 81, 82
 “Reves de sable” poster (Abedini), 514, 515
 Rhead, Louis, 179, 207, 208, 209, 210
Rhinoceros, 85, 87
 Richards, Stan, 437
 Richards Group, 437
 Ricketts, Charles, 200, 201–202, 203
 Ricordi, Giulio, 219
 Rietveld, Gerrit, 302, 303
 Riley, Michael, 517
 Rilke, Rainer Maria, 483, 484, 485
 Rimbaud, Arthur, 376, 377
 Rimmel, Eugene, 196
 Ritchie Press, 376
 Ritter, John, 494
 Rivera, José de, 380, 381
 Riverside Press, 186–187
 Riverside Print Company of Milwaukee, 156
 Robert, Nicolas-Louis, 141
 Robinson, Phyllis, 389
 Rock-and-roll music, conceptual image, 438
 Rockefeller Center, 408
 Rockner, Vincenz, 89
 Rococo style, 117–121, 126, 205
 Rodchenko, Alexander, 287, 289, 294–297, 484, 518
 Rodriquez, Gabriela, 530
 Roericht, Nick, 410, 411
 Rogers, Bruce, 185, 186–189, 207, 336
 Rogoff, Patti, 422
 Roller, Alfred, 226, 227, 228, 229, 231, 232, 284, 438
Rolling Stone (magazine), 389, 495–497
 Rolling Stones, 511
 Rollins, Carl Purington, 382
Romain du Roi, 117, 118, 119, 121, 127
 Romanesque manuscripts, Illustrated manuscripts, 54–55
 Rome (ancient), 26–29, 43, 100
 Rondthaler, Edward, 393, 396
 Roosevelt, Franklin D., 342
 Roosevelt, Theodore, 162, 347
 Ros, Lies, 463
 Rose fabric design, 168, 169
 Rosetta Stone, 10–11
 Rossetti, Dante Gabriël, 168, 169, 180, 181
 Rossetto, Louis, 497
 Rot, Dieter, 383
 Roualt, Georges, 266
 Roycroft Press, 179
 Rubbings, Chinese printing, 36–37
 Rubeis, Laurentius de, 95
 Ruder, Emil, 362, 363, 471, 511, 527
 Ruffins, Reynolds, 401, 428, 429
 Runyan, Robert Miles, 420
 Rural Electrification Administration, 338, 339
 Rushworth, John, 521
 Ruskin, John, 167, 168, 176, 177
 Russell, Bertrand, 382, 383
 Russia, constructivism, 287–299. *See also* Soviet Union
 Russian Revolution, 287, 290
 Russolo, Luigi, 255
 Rutherford Photolettering Machine, 393
Rzeczpospolita Babska, 425, 426, 427
 Saarinen, Eero, 348, 350, 351, 402
Saber-Ver magazine, 529
Saggio tipografico (Typographic Essay), 126
 Sagmeister, Sefan, 510–511
 St. John Hornby, C. H., 177, 178, 179
 Saint Hieronymous Press, 439
 “Saison” poster (Jeker), 511
 Saito, Makoto, 509, 510, 511
 Saks, Arnold, 372, 373
 Salis, Rudolphe, 202
 Salisbury, Mike, 388–389
Salomé (Wilde), 200, 201
 Salomon, Antoinette, 112
 Salomon, Bernard, 112, 114, 115
Salutations, 212
 Samarkand, papermaking, 64
 Sandberg, Willem, 332, 333, 383
 “Sand Dunes near Sand Springs, Nevada,” 150, 151
 Sandford, John Lyle, 506
 San Francisco, California group, postmodern design, 477, 478–481
 Sang-Soo, Ahn, 526–527
 Sanskrit, 21, 22
 Sans-serif type
 Behrens, Peter, 234–236
 innovation of, 137–139
 International Typographic Style, 356, 361
 new typography, 323, 333
 Santa Cruz clothing posters, 479, 480, 481
 Sant’Elia, Antonio, 255–256
 “Sarah Bernhardt,” 150
 Sarcophagus of Aspalta (king of Ethiopia), 12, 13
 Saspach, Conrad, 69
 Sato, Koichi, 455, 456, 457
Saturday Evening Post (magazine), 142, 276, 344, 386, 394
 Saul Bass & Associates, 408, 409
 Savignac, Raymond, 383, 435, 436, 437
A Scene in Shantytown, 147
 Schäufelein, Hans, 89
 Schedel, Hartmann, 81, 83
 Scheer, Robert, 388
 Schelter and Giesecke foundry, 139
 Scher, Paula, 481–482, 483, 486, 487, 522–523, 524
 Schipper, Jan Jacob, 116
 Schlatter, Robert, 511
 Schlemmer, Oscar, 312
 Schmale Deutsche Schrift (Condensed German Script), 184, 185
 Schmid, Helmut, 526, 527
 Schmidt, Joost, 312, 317, 318, 319
 Schöb, Anton, 468, 469
 Schoeffer, Peter, 71, 73–75, 79, 81, 91, 172, 173
 Schoenmakers, M. H. J., 299
 Schoensperger, Johann, 89
 Schoensperger the Elder, Johann, 89
 Schraivogel, Ralph, 522, 523
 Schröder, Rob, 463, 464
 Schroeder House (Utrecht, Rietveld), 302, 303
 Schuitema, Paul, 331–333, 456
 Schulte, Lynn, 485
 Schumacher & Ettlinger, 156
 Schwitters, Kurt, 258, 259, 291, 302, 303, 309
 Science, 97
 Scientific graphics
 American modern art movement, 350–352
 International Typographic Style, 359–360, 361, 372–373
 Scitex systems, 490
 Scott, Douglas, 383
 Screen Gems, 408
 Scribes, 14, 15, 29–30, 42, 78
Scribner's Monthly (magazine), 147, 163, 164, 207, 211
 Scriptura scottica, 46
 Seals. *See* Cylinder seals
A Season in Hell (Rimbaud), 376, 377
 Sedaris, David, 515
 Sejong (king of Korea), 29
 Selkirk, Neil, 499
 Semantics, 357–358
 Semiotics, 357–358
 Semitic alphabet, North, 19–20
 Senefelder, Aloys, 153
 Serifs, Latin alphabet, 26
 Serrano, Elena, 446
Seventeen magazine, 348, 383, 384, 385
 Severini, Gino, 255
 S. Fischer Verlag poster, 441, 442, 443

- Shaginian, Marietta, 295
 Shahn, Ben, 344, 345, 400, 401
 Shakespeare, William, 113, 130, 224, 461
 Shannon, Charles, 201
 Shanosky, Don, 415
 Shepard, Andy, 516, 517
 Shih Huang Ti (emperor of China), 32
 Shitao Yuanji, 34
 Shotoku (empress of Japan), 37
 Show magazine, 386, 387
 SIC magazine, 526
 Signage
 Olympic Games, 415–421
 transportation, 414–415
 Simias of Rhodes, 251
 Simonneau, Louis, 117, 118, 119
 Simpson Paper Company
 mailer, 478, 479
 Sinaitic script, 20
 “Sir John Herschel,” 148, 149
 Sirowitz, Len, 391
 “Sixth International Biennial Exhibition of Prints in Tokyo” poster, 453, 454, 455
 Skolos, Nancy, 523, 524
 Slater, John Rothwell, 188, 189
 Slav Epic (Mucha series), 207
 Slavery, 401–403
Sleeping Woman (Ray), 268
 Slimbach, Robert, 498, 499–500, 501
 Smith, Ernie, 396
 Smith, Jesse Willcox, 276–277
Smithsonian (journal), 378
 Snow, Carmel, 339
 Social activism
 conceptual image, 438–440, 444–446
 digital design, 515, 516, 517
 Socialism, 169
 Soffici, Ardengo, 252, 253
 Solidarity movement (Poland), 427–428
 Solomon, Barbara Stauffacher, 467
 Somerville, William, 130
Songs of Innocence (Blake), 128, 129
The Sonnets of Orpheus (Rilke), 483
 Sophia typeface, 500, 501
 Sorel, Edward, 429
 Sorg, Anton, 81
 Sottsass, Ettore, 477
South Wind, Clear Dawn (Hokusai), 193
 Soviet Union
 constructivism, 287–299
 typeface, 294
 Spain, German illustrated book, 93
 Spanish pictorial expression, illustrated manuscripts, 51–54
 Sparks (magazine), 256
Specimen Book and Catalogue (American Type Founders), 185, 186, 187, 189
Spécimen des nouveaux caractères...de P. Didot l’aîné (Specimens of New Characters), 128
 Spencer, Herbert, 447
 Spencer, Paul, 524, 525
The Sphinx (Wilde), 200, 201
Spiderman film title, 517
Spiel des menschlichen Lebens (The Mirror of Life), 80, 81
 Spiekermann, Erik, 504
Spy Sorge, 514, 516, 517
Squares Arranged to the Laws of Chance (Arp), 264
Staatliches Bauhaus in Weimar, 312, 313
 Staehelin, Georg, 448, 449
 Stamperia Reale, 126, 127
 Stamp seals, 9–10
Ständebuch (Book of Trades), 72
 Stanford, Leland, 151
 Stanhope, Lord, 140
 Stankowski, Anton, 359–360, 361, 383
 Stanton, Frank, 399, 400, 401
 Starowiejski, Franciszek, 425–426, 427
Statistical Account of the United States of America, 125
Statistical Breviary, 125
Stavba (magazine), 307
 Steam engine
 invention of, 134
 printing press, 140–141
 Stedelijk Museum (Amsterdam, Netherlands), 457
 Steiglitz, Alfred, 257
 Steinhäuser, Bert, 390, 391
 Steinitz, Kate, 258, 259
 Steinlen, Théophile-Alexandre, 202, 203–205
 Steinweiss, Alex, 377, 378, 379
 Stereotyping, invention of, 128
 Stermer, Dugald, 388, 389
 Stern, Bert, 394, 395
 Stern, Sol, 388
 Sternberg, Georgii, 295, 296, 297
 Sternberg, Vladimir
 Augustovich, 295, 296, 297
 Stettler typeface, 392, 393
 Stoecklin, Niklaus, 274
 Stols, A. A. M. (Sander), 180, 182–183
 Stone, Sumner, 489, 498, 499
 Stone type family, 498, 499
 Storch, Otto, 384–385, 386, 387
The Story of King Arthur and His Knights (Pyle), 163, 164, 165
The Story of the Glittering Plain (Morris), 172, 174
 Stothard, Celia, 521
The Studio (Beardsley), 199
 Studio Dumbar, 458, 459, 463, 464
The Studio (periodical), 199, 221, 222
 Suburban typeface, 500, 501
Südafrikanisches Roulette poster, 442, 443
 Sudler and Hennessey agency, 396
 Sugisaki, Shinnoske, 522, 523
 Sumerian people, 6, 7–8, 10, 14
 “Sunrise Sunset” poster (Saito), 509, 510, 511
 Suokko, Glenn A., 492, 493
 Supergraphics, 466–467
 Supermannerism, 466–467
 Suprematism. See Constructivism
Suprematist Composition (Malevich), 287, 289
Surfer, 495
 Surrealism, 262–264, 267, 424, 430, 454
 Sussman, Deborah, 419, 420, 421
 Sussman/Prejza & Co., 419, 420, 421
 Sutnar, Ladislav, 307, 342, 350, 351
 “Swedish Song Quartett,” 154
 Sweet’s Catalog Service, 350, 351
 Sweynheym, Conrad, 90, 91, 94, 95, 177
 Swierzy, Waldemar, 427
 Swiss Watch poster, 482, 483
 Switzerland. See also Basel, Switzerland
 digital design, 522
 International Typographic Style, 356, 363–370
 pictorial modernism, 272–274
 postmodern design, 468–470
 Renaissance, 110–113
 Symmetry, new typography, 322
 Syntactics, 358
 Synthetic cubism, 249–250
 Tadashi, Masuda, 451
 Talbot, William Henry Fox, 144, 145, 146, 147, 151, 152
 Tammany Hall, 162
 Tanaka, Ikko, 451–453
 Tardiff, Melissa, 506
 Tartakover, David, 513–514, 515
 Tassel, Emile, 195
 Tatlin, Vladimir, 287, 289, 296
 Taupin, Bill, 390, 391
 Team, Virginia, 436, 437
 Teige, Karel, 307–309
 Television, advertising, 391
 Telingater, Salomon, 295
 “The Tempest/Troilus & Cressida” poster (Scher), 523, 524
 Template Gothic typeface, 500, 501
 Ten Crate Bergmans studio, 463
 Tepl, Johannes von, 79
 Terrazas, Eduardo, 416, 417
 Terry, Shannon, 479, 480, 481
 Testa, Armando, 424, 425
Teuerdank, 89
 Texas, 437
Texas Montly, 495
 Thailand, 6
 Third-world posters, 445–446
Thirty-Six Views of Mount Fuji (Hokusai), 192–193

- Thompson, Bradbury, 377–378, 379, 382
- Thonik design firm, 528, 529
- Thorne, Robert, 135, 136, 137
- Thorowgood, William, 136, 137
- 3-D text, 410
- 3 Tragedies* (Garcia Lorca), 376, 377
- The Three Brides* (Toorop), 199
- Three Penny Opera*, 431, 432, 433
- Tiepolo, Giovanni Batista, 196
- Tietze, Richard G., 162, 163
- Tiffany, Louis Comfort, 194
- Time* magazine, 524
- Times New Roman typeface, 324, 326, 395
- Times of London*, 140–141, 324
- Times Roman typeface, 388, 413
- Time Warner, 408
- Timotheus, 23
- Tissi, Rosmarie, 370, 468–469
- Tomaszewski, Henryk, 424–425, 426, 427, 444
- Toorop, Jan, 199, 216, 217, 221
- Topolski, Feliks, 401
- Tory, Agnes, 105
- Tory, Geoffroy, 104–109
- Total Design (TD) firm, 456–459
- Totally Gothic typeface, 500, 501
- Toulouse-Lautrec, Henri de, 202–203, 205, 528, 529, 530
- Tournes, Jean de, 111–112, 114, 115
- Trademarks, 9, 17, 166. *See also* Corporate identity; Printer's trademark
- American modern art movement, 343
- art nouveau, 206, 207, 218, 219
- Arts and Crafts movement, 173, 176, 177
- Behrens, Peter, 238, 239
- Netherlands, 456, 457
- New York School, 375
- pictorial modernism, 273
- postmodern design, 468
- The Trades, 116
- “Tradition et Nouvelles Techniques” (Traditional and New Techniques), 451, 452
- Trajan's column, 27, 324
- Trajan typeface, 499
- Trajectum ad Mosam series, 182, 183
- Transportation signage, 414–415
- Transworld Skateboarding*, 495
- Treitler, Leo, 42
- Trepkowski, Tadeusz, 424, 425
- Tribune de Lausanne* (Leupin), 436, 437
- Trio typeface, 481
- Troxler, Niklaus, 512
- Troy typeface, 172
- Trump, Georg, 405
- Ts'ai Lun, 34–35
- Tsang Chieh, 31, 32
- Tscherny, George, 380, 381, 383
- Tschichold, Jan, 294, 318, 319–323, 324, 325, 326, 330, 335, 336, 337, 383, 471
- Tsirk* (Circus), 296, 298
- Turkana, Lake (Kenya, Africa), 4
- Turner, J. M. W., 196
- Turn of the Century* (Andersen), 516, 517
- Turrecremata, Cardinal, 91
- Tuscan style, 136, 137
- Tuthmosis III (king of Egypt), 14, 15
- Tweed, William Marcy, 162
- 12 T y p o graphical Interpretations, 475, 476
- Twen* (periodical), 440, 441
- Twentieth century design, 221–243. *See also* American modern art movement; Modern art; Pictorial modernism
- Behrens, Peter, 233–242
- Glasgow School, 221–225
- London Underground Electric Railways, 242–243
- social change, 248
- Vienna Secession, 225–233
- Wright, Frank Lloyd, 221, 222, 223
- Twenty-seven Wagons Full of Cotton* (Williams), 376, 377
- Twombly, Carol, 498, 499–500, 501
- Type, Its Cutting and Founding*, 118
- Typefaces. *See also* Typography
- Arts and Crafts movement, 172–181, 185–189
- Behrens, Peter, 234–236
- constructivism, 302, 303
- corporate identity, 399–400, 404–405, 406, 411–412
- Dada movement, 261–262
- digital design, 490, 491–492, 493, 498–501, 506, 507, 528
- futurism, 251–255, 256
- German illustrated book, 89
- London Underground, 242–243
- magazine industry, 160, 164
- modern style, 221
- movable type, 69–70
- phototypography, 393–396, 397
- pictorial modernism, 271, 272, 273, 283
- Renaissance, 101–103
- retro design, 481–484
- Type sizes, Didot, Françoise-Ambroise, 127
- Type Specimens*, 118
- Typografische Monatsblätter* magazine, 471, 472, 473
- Typogram, 393
- Typographica* (journal), 186, 447
- Typographical Workshop poster, 476
- Typographische Mitteilungen* (typographic impartations), 321
- Typography. *See also* International Typographic Style; Printing
- American modern art movement, 336, 348
- Arts and Crafts movement, 177–180
- Bauhaus, 313, 315, 316–317, 318–326
- conceptual image, 443
- constructivism, 290–299, 309, 321
- corporate identity, 411–414
- defined, 64
- digital design, 495–501, 522–528
- International Typographic Style, 356–373
- invention of, 64
- mechanization of, 141–142
- modern, 126–128
- Netherlands, 328–333, 456–458, 460
- New York School, 377–378, 382, 383, 384, 386, 387, 388, 391–396, 397
- perception, 79
- photography, 331, 333–335, 384, 482
- phototypography, 392–396, 397
- postmodern design, 466, 468–470
- United Kingdom, 447, 448, 449
- Victorian era, 165–166
- Typography: A Manual of Design* (Ruder), 363
- Typologia* (Goudy), 186
- TYP/Typografisch Papier* magazine, 528
- Tzara, Tristan, 257, 262
- Ukiyo-e movement, Art nouveau, 190–194
- U&Ic* (journal), 396, 397
- Uncas, pyramid of, 14
- Uncials
- Greek alphabet, 24
- illustrated manuscripts, 44, 46–47
- Under the Window* (Greenaway), 160, 161
- Underweisung der Messung*, 107
- Underweisung der Messung mit dem Zirckel un Richscheyt* (A Course in the Art of Measurement with Compass and Ruler), 85, 88
- Une semaine de bonté* (A Week of Kindness, Ernst), 262, 263
- Uniform Resources Locator (URL), 505
- Unigrid system, 413–414, 415
- Unimark design firm, 411–412, 413
- United Kingdom. *See also* England
- digital design, 519–521
- national vision, 447–448, 449
- United Nations, 515, 516, 517

- United States Department of Defense Advanced Research Projects Agency (DARPA), 504
- United States Department of Labor, 412, 413
- United States Department of Transportation, 414, 415
- United States National Park Service, 413–414, 415
- United States Postal Service, 402
- The Universal Penman...exemplified in all the useful and ornamental branches of modern Penmanship, & c.: amusement of the curious*, 119
- Univers typeface, 360, 361, 363, 396, 472, 500
- Urbanization, Industrial Revolution, 134
- Utamaro, Kitagawa, 191
- Utopia*, 111
- Valencia, Debra, 420, 421
- Vale Press, 202
- Valturio, Roberto, 98, 99–100
- Vanderbyl, Michael, 478–481
- Van der Haspel Tom, 463
- Vanderlans, Rudy, 490–491, 492, 493, 500, 501
- Van der Leek, Bart Anthony, 299, 300, 301, 303, 304, 305
- Van de Sand, Michael, 441, 442, 443
- Van de Velde, Henri Clemens, 205, 211–214, 238, 310
- Van de Woestijne, Karel, 181, 182
- Van Doesburg, Théo, 258, 259–303, 299, 300, 309, 311–312, 315, 356
- Van Dyck, Christoffel, 116
- Van Gastel, Mikon, 517
- Van Gogh, Vincent, 195, 211, 299
- Vanity Fair* (magazine), 256, 282, 283, 339
- Van Krimpen, Jan, 180, 181, 185
- Van nu en straks* (Of Today and Tomorrow), 211–212
- Van Pieteron, Lex, 461, 463
- Van Royen, Jean FranÁois, 180, 183–185, 458
- Varga, Arnold, 434, 435
- Vatican Vergil, 43
- Vazquez, Pedro Ramirez, 416
- Vchera i segodnya* (Yesterday and Today), 298
- Veen, Lambertus Jacobus, 215, 216
- Vellum, 29, 42
- Venturi, Robert, 467
- Vergil, 28, 43, 101, 123, 124, 126, 129
- Vermeulen, Rick, 463
- Vernacular style, postmodern design, 481–487
- Verneau, Charles, 203, 204, 205
- Verneuil, Maurice, 205–207
- Verona, Johannes Nicolai de, 99
- Verrees, Paul, 276, 277
- Ver Sacrum* (Sacred Spring, magazine), 225–229
- Vertigo* (film), 428
- Veshch* (journal), 291
- Victoria and Albert Museum (London, England), 448, 449
- Victorian era, 152–153, 155, 157, 159, 165–166, 188
- Victoria (queen of England), 152
- Vienna Method (isotype movement), 326–327
- Vienna Secession, 225–233, 287, 481
- Vietnam War, 388, 432, 433, 438
- Vignelli, Leila, 412
- Vignelli, Massimo, 411, 412, 413, 414, 415
- Vignelli Associates, 527
- Village Press, 185
- Villazon, Manuel, 416, 417
- Vinyl* magazine, 528
- Visible Language Workshop (VLW), 409, 410
- Visual Graphics Corporation, 393–394
- Visual identification
- Egypt (ancient), 17
 - Mesopotamia, 9–10
- Visual-identity movement. See Programmed visual identification systems
- Vitae Duodecim Vicecomitum Mediolani Principum* (Biography of Twelve Early Milanese), 108, 109
- Vita et fabulae* (Life and Tales), 80, 81
- Vivaldi, Antonio, Lucio, 377
- Vivarelli, Carlo L., 364, 365
- VizAbility Interactive CD-ROM, 504–505
- VLW (Visible Language Workshop), 409, 410
- Vogue* magazine, 339, 341, 348, 383, 433
- Volkswagen, 390, 391
- Voragine, Jacobus de, 172
- Vorkurs*, 363
- Votive stela, 23, 24
- VPRO-digital agency, 528
- Vu* (magazine), 341
- Walbum font, 498
- Wald, A.H., 162, 163
- Waldfohgel, Procopius, 69
- Walker, Emery, 171, 172, 177, 178, 179, 187
- Walker Art Center, 501, 502
- Walker typeface, 501
- Walter, John, II, 140–141
- Wang Chieh, 37
- Warde, Beatrice, 187
- Warhol, Andy, 402, 403, 486
- Warinner, Kathy, 507
- Wärndorfer, Fritz, 231
- Washington Haggadah, 56
- Wat, Aleksander, 307
- Watercolor, 432–433
- Watermark, papermaking, 64, 65
- “Water” poster (Lukova), 509
- Watt, James, 134
- Watteau, Antoine, 196
- Watts-Russell, Ivo, 519
- Wayside Press, 208–209
- Webb, Philip, 168
- Wedell, Thomas, 523, 524
- Weil, Daniel, 521
- Weimar Art Academy, 310
- Weimar Arts and Crafts School, 310
- Weingart, Wolfgang, 383, 466, 471–472, 473, 475
- Weintraub advertising agency, 375
- Wells, Darius, 139
- Wendingen* (magazine), 303–304, 305
- Wendingen* style, 214
- Werkman, Hendrik N., 330–331, 383, 460
- Westinghouse Corporation, 405, 406, 407
- Westvaco Inspirations*, 377, 378, 379
- When Water Comes Together with Other Water* (Carver), 483
- Whitehead, Alfred N., 78
- Whitman, Walt, 179
- Whitney, Eli, 127
- Whittingham, Charles, 167
- The Whole Book of Psalmes* (The Bay Psalm Book), 115
- Why Man Creates* (motion picture), 381
- Why Not Associates, 519
- Widdershoven, Thomas, 528
- Wiener Werkstätte (Vienna Workshops), 231, 232, 233
- Wijdeveld, Hendricus Theodorus, 290, 303, 305
- Wilde, Oscar, 200, 201
- Wild Plakken, 459, 463–465
- Williams, Edward Bennet, 388
- Williams, Tennessee, 377
- William Tell Overture* (record album), 436, 437
- Wils, Jan, 328
- Wilson, Robert Wesley “Wes,” 438, 439
- Wingler, Hans, 408
- Winkler, Dietmar, 372, 373
- Winslow, William H., 221
- WIRED* magazine, 497–498, 499, 517–518
- Wissing, Benno, 456, 457
- Wolf, Henry, 385–386, 387
- Wolfe, Tom, 391
- Wolgemuth, Michael, 81, 83, 84, 85
- Woman’s Day* magazine, 392, 393
- Woodblock printing
- China, 40–41, 69
 - Europe, 64–69
 - illustrated books, 79–81
 - Renaissance, 113
 - ukiyo-e movement, 190–194
- Woodcuts, 130, 326

- Wood engravings, 147–149
 Woods and Sharwoods, 138, 139
 Wood-type poster, 139–140
 Woodward, Fred, 495–496, 497
 Worde, Wynkyn de, 93
 Words in freedom (*parole in libert.*), 251, 252, 253
Works of Geoffrey Chaucer, 172, 174, 175, 185
The World Foundation (Moholy-Nagy), 314, 315
World Geo-Graphic Atlas (CCA), 352
 World's Fair (New York, 1939), 341, 350
 World War I, 177, 256, 264, 265, 274–279, 278, 280, 299, 304
 World War II, 259, 283, 295, 341, 342, 344–346, 359, 424, 447, 456
 World Wide Web, digital design, 503–507. *See also* Digital design
Wozzeck (Berg), 427
Wren's City Churches (Mackmurdo), 169, 170, 171
 Wright, Frank Lloyd, 221, 222, 223, 287, 288, 289, 303, 305
 Writing
 Egypt, 10–17
 invention of, 4–17
 Mesopotamia, 6–10
 prehistory, 4–6
 Writing manuals, Renaissance, 101–103
 Wurman, Richard Saul, 505
 Wyman, Lance, 416–417
 Wynn, Dan, 385
 Xylography, defined, 64
 Yale University School of Art, 382–383
 Yamiashiro, Ryuichi, 448, 449
 Yeager, Herb, 409
The Yellow Book (magazine), 200
 Yokoo, Tadanori, 453, 454, 455
 Young, Thomas, 10
 Young and Rubicam
 Advertising, 392, 393
Young Man with Two Courtesans (Mononobu), 190, 191
 Yuan Chao Meng-fu, 35, 36
 Zaid, Barry, 432, 433
 Zainer, Günther, 79, 80, 81, 172
 Zainer, Johann, 81
 Zainer, Zainer, 79
 Zapf, Hermann, 361–363
 Zdanevich, Ilya, 262, 287, 288, 289
Zembla magazine, 520, 521
Zeme sovetu (magazine), 307
 Zen Buddhism, 455
 Zet (king of Egypt), 11
 Zetlin, Mitchell, 414, 415
 Zurich, Switzerland,
 International Typographic Style, 363–370
 Zwart, Piet, 328–330, 331, 456, 475

