

Index

• Numerics •

3-D transition, 148

• A •

AAC files, ripping with iTunes, 120–121

accessories, camcorder, 55–56

action safe margins, 160

Adjust effects, 181

Adobe Photoshop

adjusting image sizes in, 196–197

fixing out-of-gamut colors

in, 198

Adobe Photoshop Elements, fixing out-of-gamut colors in, 198

Adobe Premiere Elements

adding black video to movie in, 252–253

adding DVD-creation features, 251

adjusting playback speed in, 143–146

adjusting transitions in, 156–157

adjusting volume dynamically in, 175–176

advanced editing capabilities, 310

applying video effects and, 182–184

basic editing capabilities, 309

capturing video in, 94–96

choosing, 37–38

configuring, 337–339

controlling video effects with keyframes
and, 184–185

creating DVD menu in, 261–263

customizing DVD menu in, 263–266

Effects and Transitions window, 182

export options available, 312

exporting AVI files from, 214–216

exporting movies from, 234

exporting movies to VHS tape in, 253–254

exporting MPEG files from, 216–217

exporting QuickTime movies from,
237–239

exporting WMV movies from, 234–237

generator options, 312

image improvement tools, 187–188

importing audio into, 122

improving audio quality and, 283–284

increasing preview size in, 208

installing, 336–337

keyboard controls for video playback
in, 130

making clips transparent in, 189

panning or zooming on still images in,
287–288

previewing on external monitor with, 210

price/platform information for, 306

selecting transitions in, 150–151

special-effects capabilities, 310

supported formats for importing
media, 307

supported formats for video capture, 308

upgrading to, 335–336

using still images in, 203

video effects on, 180–181

Adobe Premiere Elements For Dummies
(Underdahl), 156, 187, 215, 262

Adobe Premiere Pro

advanced editing capabilities, 310

basic editing capabilities, 309

export options available, 312

generator options, 312

price/platform information for, 306

special-effects capabilities, 310

supported formats for importing
media, 307

supported formats for video capture, 308

Adobe Title Designer

creating titles in, 165–167

margins and, 160

Advanced Technology Attachment (ATA)

interface

defined, 320

in Mac hard drives, 31

in PC hard drives, 34

- ADVC-50 video converter (Canopus), 301
- alpha channel, 317
- ambient noise
 - importance of controlling, 113
 - managing, 78–79
- analog, defined, 317
- analog camcorders
 - overview, 52
 - protecting from elements, 285–286
- analog video
 - capturing, 106–110
 - digitizing before capture, 101–102
 - hardware for capturing, 40–41
 - versus digital, 11
- analog video-capture card, setting up for
 - export to VHS tape, 245
- animating, video clips, 185–187
- aperture, 58–59
- Apple Final Cut Express
 - advanced editing capabilities, 310
 - basic editing capabilities, 309
 - export options available, 313
 - generator options, 312
 - price/platform information for, 306
 - special-effects capabilities, 310
 - summary, 32
 - supported formats for importing media, 307
 - supported formats for video capture, 308
 - versus Premiere Elements, 335
- Apple Final Cut Pro
 - advanced editing capabilities, 310
 - basic editing capabilities, 309
 - export options available, 313
 - generator options, 312
 - price/platform information for, 306
 - special-effects capabilities, 311
 - summary, 32
 - supported formats for importing media, 307
 - supported formats for video capture, 308
- Apple iMovie
 - adding musical soundtracks in, 178
 - adding transitions to timelines in, 152–153
 - adjusting overall volume in, 174
 - adjusting playback speed in, 142–143
 - adjusting transitions in, 154–155
 - adjusting volume dynamically in, 175
 - advanced editing capabilities, 310
 - Aged Film effects in, 18
 - basic editing capabilities, 309
 - capturing video in, 92–93
 - creating titles and, 161–162
 - editing video in, 14–16
 - export options available, 313
 - exporting movie to VHS tape in, 247–248
 - exporting QuickTime movies from, 227–232
 - exporting video in, 20–21
 - extracting audio clips with, 137
 - generator options, 312
 - importing CD audio and, 118–119
 - increasing preview size in, 208
 - installing and upgrading, 327–329
 - Ken Burns Effect, 287
 - keyboard controls for video playback in, 130
 - organizing clips with, 127, 128
 - organizing still images and, 198–199
 - plug-ins for, 329–330
 - previewing on external monitor with, 210
 - price/platform information for, 306
 - QuickTime export presets, 232
 - recording audio in, 114–115
 - removing clips from timelines in, 140
 - reversing playback direction in, 143
 - selecting transitions in, 148–149
 - special-effects capabilities, 310
 - summary, 32
 - supported formats for importing media, 307
 - supported formats for video capture, 308
 - trimming clips in timelines in, 139–140
 - using audio tracks in, 171
 - using sound effects in, 176–177
 - using still images in, 200–201
- Apple iPhoto, organizing still images with, 198–199
- Apple iTunes
 - adding musical soundtrack from, 178
 - ripping music files with, 120–121

- Apple Macintosh. *See also* computers
ascertaining free space on, 87
buying new, 28–29
choosing video-editing software for, 31–32
FireWire and, 12
preparing for analog capture, 103
recording audio with, 114–116
upgrading, 30–31
versus PCs, 26–27
- Apple QuickTime, 224
- Apple QuickTime file format, playing, 22
- Apple QuickTime Pro, 224
- aspect ratios
defined, 317
overview, 47–49
video image versus still photo, 196
- ATA (Advanced Technology Attachment)
interface
defined, 320
in Mac hard drives, 31
in PC hard drives, 34
- audio. *See also* sound effects
AAC, MP3, and WMA files, 121
adding musical soundtracks, 177–178
adding to timelines, 171–172
adjusting overall volume, 174
adjusting volume, 173–174
adjusting volume dynamically, 175–176
creating picture-in-picture effect and, 280
customizing in DVD menu, 265
editing separately, 172–173
extracting clips in iMovie, 137
importance of good, 111
importing CD in iMovie, 118–119
importing CD in Windows, 121–122
improving quality of, 282–284
managing ambient noise and, 78–79
music copyright issues and, 118
recording equipment, 297–298
recording voice-over tracks in Movie
Maker, 116–117
recording well, 77–78
recording with Macintosh, 114–115
ripping music files with iTunes, 120–121
tips for recording, 112–113
understanding, 111–112
using in video, 169–170
- audio CDs. *See* CD audio
- audio clipping, 317
- audio equipment, selecting, 56–58
- audio recorders, selecting, 58
- audio settings
exporting WMV files from Premiere
Elements and, 236
preparing for shoots, 72–73
- audio tracks, understanding, 170–171
- audio waveforms, 170, 325
- authoring software, 256
- Auto color effect (Adobe Premiere
Elements), 187
- Auto Contrast effect (Adobe Premiere
Elements), 188
- Auto Levels effect (Adobe Premiere
Elements), 188
- AVI files
exporting from Premiere Elements,
214–216
exporting from Windows Movie Maker,
213–214
exporting movies to, 211
- Avid Xpress DV
advanced editing capabilities, 310
basic editing capabilities, 309
export options available, 313
generator options, 312
price/platform information for, 306
special-effects capabilities, 311
summary, 32
supported formats for importing
media, 307
supported formats for video capture, 308
- **B** •
- backdrop material, creating, 59
- background images, customizing in DVD
menu, 264
- backing up, data for upgrades, 27
- backlighting
overview, 70–71
sun and, 286
- Balance effect (Adobe Premiere
Elements), 283
- bar-and-tone generator, 311

- bars and tone
 - calibrating picture and sound with, 108
 - defined, 317
- Bass effect (Adobe Premiere Elements), 283
- batteries
 - extra, 55, 64
 - selecting camcorders and, 53
- bidirectional microphones, 57
- bit depth
 - defined, 317
 - understanding, 112
- black and code
 - defined, 317
 - timecode breaks and, 76
- Black & White effect (Adobe Premiere Elements), 188
- black video
 - adding to movie in Premiere Elements, 252–253
 - adding to timeline in Windows Movie Maker, 249–250
 - exporting movies to tape and, 247
- blacking and coding, 76
- blue screen, shooting video against, 190
- blue screen effects, 189
- Bluetooth
 - defined, 318
 - selecting camcorders and, 54
- Blur & Sharpen effects, 181
- bouncing, light, 67–68
- Bove, Tony (*iLife All-in-One Desk Reference For Dummies*), 199
- bracing, on tripods, 292
- breaking bones sound effect, creating, 282
- breakout boxes, capture cards and, 42
- brevity, titles and, 159
- Brightness and Contrast effect (Adobe Premiere Elements), 188
- broadcast video standards, 45–46
- Browser (Windows Movie Maker), 332
- bubble levels, on tripods, 292
- built-in light, selecting camcorders and, 54
- burning, DVDs, 267–270
- Burns, Ken (documentarian), 287
- buttons, customizing in DVD menu, 264–265
- buzzing insect sound effect, creating, 282
- C •
 - cache, cleaning, 87
 - camcorders. *See* analog camcorders; digital (DV) camcorders
 - Canopus (ADVC-50 video converter), 301
 - capture
 - analog video, 106–110
 - defined, 318
 - DV camcorder format and, 51
 - images, CCD and, 44–45
 - preparations for digital, 83–86
 - preparing computers for analog, 103–104
 - preparing for analog, 102–103
 - stopping unexpectedly, 99
 - troubleshooting, 97–99
 - versus copying, 85
 - video in iMovie, 92–93
 - video in Premiere Elements, 94–96
 - video in Windows Movie Maker, 89–91
 - video-editing software supported formats for, 308
 - capture hardware
 - for analog recordings, 40–41
 - choosing, 40–41
 - installing, 42
 - setting up for analog video, 104–105
 - cardioid microphones, 57
 - CCD (charge coupled device)
 - capturing images, 44–45
 - defined, 318
 - selecting camcorders and, 52
 - CD audio
 - importing in iMovie, 118–119
 - importing in Windows, 121–122
 - problems with, 294–295
 - CDs, installation discs, 27
 - cell phones, importing video from, 97
 - Channel effects, 181
 - Channel Volume effect (Adobe Premiere Elements), 283
 - charge coupled device (CCD)
 - capturing images, 44–45
 - defined, 318
 - selecting camcorders and, 52
 - checklist, of needed shots, 63
 - cheesecloth, for lighting diffusion, 59, 69–70

- chrominance
 - defined, 318
 - television versus computer monitor color and, 49–50
- clamps, for lighting, 59
- clip browser
 - organizing clips, 127
 - previewing clips from, 128
- clipping, audio, 317
- clips
 - adding to timelines, 135
 - animating, 185–187
 - creating freeze frames in, 288–289
 - creating picture-in-picture effect with, 279–280
 - creating storyboards with, 133–134
 - defined, 318
 - extracting audio in iMovie, 137
 - fading and transitioning between, 147–148
 - making transparent, 189
 - organizing, 127
 - overview, 127
 - previewing, 128–130
 - recording for appearance/disappearance special effect, 273–274
 - removing from timelines, 140
 - trimming, 131–133
 - trimming in timeline, 138–140
- clothing, colors, 65
- CNet.com, DV camcorder selection and, 44
- coaxial, 318
- codecs
 - choosing for QuickTime files in iMovie, 229
 - choosing for QuickTime files in Premiere Elements, 237
 - choosing for WMV files in Premiere Elements, 235
 - compressing video, 103, 212
 - defined, 318
 - MiniDV camcorders, 50
 - video formats and, 222
- collection album. *See* clip browser
- color
 - adjusting, 187–188
 - clothing, 65
 - fixing out-of-gamut, 198
 - television versus computer monitor, 49–50, 244
 - titles and, 159
- Color Balance (HLS) effect (Adobe Premiere Elements), 188
- Color Balance (RGB) effect (Adobe Premiere Elements), 188
- color gamut
 - defined, 318
 - fixing colors out of, 198
- Color Match effect (Adobe Premiere Elements), 188
- Color Pass effect (Adobe Premiere Elements), 188
- Color Replace effect (Adobe Premiere Elements), 188
- color space
 - defined, 318
 - RGB, 49–50, 323
 - YUV, 49–50, 325
- color-correction filters, 285
- commands, keyboard controls for video playback, 130
- compatibility
 - FireWire and, 12
 - VCD and SVCD file, 217
- component video connectors
 - for analog camcorders, 105
 - defined, 318
- composite video connectors
 - for analog camcorders, 105
 - defined, 319
- compositing
 - overview, 189
 - understanding transparency and, 189
 - video tracks, 191–193
- composition
 - forced perspective and, 278
 - overview, 65
- computer graphics, pixel aspect ratios and, 49
- computer monitor
 - color versus television, 49–50
 - versus television viewing, 244

computers. *See also* Apple Macintosh; PCs
 connecting DV camcorders to, 87–89
 connecting tape players to, 113
 converting data for, 10
 portable capabilities, 29
 preparing for analog capture, 103–104
 upgrading, 27–28
 condensation, protecting camcorders
 from, 285
 connectors, for analog camcorders, 105
 Contour A/V Solutions
 ShuttlePro multimedia controller, 299
 SpaceShuttle A/V multimedia controller,
 298–299, 300
 ConvertX Digital Video Converter
 (Plextor), 301
 copyright issues, music, 118, 295
 counterweights, on tripods, 292
 counting leader generator, 311
 crew, enlisting, 64
 customizing, video effects, 182–183

• D •

DAT (digital audiotape)
 defined, 319
 professionals and, 58

data

analog versus digital, 10
 backing up for upgrade, 27

data rate

capturing analog video and, 106
 defined, 319

DV codec and, 212
 troubleshooting and, 99

Dazzle Digital Video Creator 90 (Pinnacle
 Systems), 301

debate, Mac versus PC, 26–27

decibels (dB), measuring sound and, 112

default, duration for still images, 202

DeNoiser effect (Adobe Premiere
 Elements), 283

depth of field, zooming and, 75

depth perception, video images and, 277

device control

defined, 319
 FireWire and, 12
 overview, 88

diffusers, light, 69–70

digital, defined, 319

Digital Age, 9

digital audiotape (DAT)
 defined, 319

professionals and, 58

digital cameras, importing video from, 97

Digital Device Format (DV-AVI) video
 quality

exporting AVI files and, 213, 214
 exporting movies to VHS tape and, 249
 high quality video capture and, 90

digital (DV) camcorders

accessories for, 55–56
 available features of, 52–54
 connecting to computer, 87–89
 FireWire/USB ports and, 12

format of, 50–52

previewing movie on LCD display of, 244

protecting from elements, 285–286

selecting, 43–44

setting up for shoots, 72–73

troubleshooting control of through video-
 editing software, 97–98

using as converters for movie export to
 VHS tape, 245

working as video converters, 102

digital recordings, versus analog, 11

digital tapes. *See* tape formats

Digital Versatile Discs (DVDs). *See* DVDs
 (Digital Versatile Discs)

digital video (DV). *See also* movies; video
 advantages of, 125

analog versus digital, 11

capturing in iMovie, 92–93

capturing in Windows Movie Maker, 89–91

compressing, 212

defined, 319

editing separately, 172–173

exporting from Premiere Elements,
 214–217

exporting in iMovie, 20–21

exporting in Windows Movie Maker, 21–22

freezing frames in, 204–205

importing from phones/digital
 cameras, 97

overview, 9–10

playing, 22–23

- streaming versus downloading, 222–223
 - using audio in, 169–170
 - digital video support, Macintosh versus PCs, 26
 - digital video tapes
 - blackening and coding, 76
 - extra, 64
 - preparing for shoots, 73
 - digital zoom, selecting camcorders and, 54
 - Digital8 format
 - defined, 319
 - overview, 52
 - digitizing
 - analog video before capture, 101–102
 - defined, 10
 - DIMMs (Dual In-Line Memory Modules)
 - defined, 319
 - overview, 30–31
 - discs. *See also* DVDs
 - burning DVDs to, 268–270
 - CD installation, 27
 - display adapter. *See* video cards
 - dissolves, 147
 - Distort effects, 181
 - downloading, versus streaming video files, 222–223
 - drivers
 - defined, 319
 - updating video, 38–39
 - drop shadows, creating picture-in-picture effect and, 280
 - drop-frame timecode
 - defined, 319
 - understanding, 131
 - dropped frames, troubleshooting, 98–99
 - Dual In-Line Memory Modules (DIMMs)
 - defined, 319
 - overview, 30–31
 - dual-layer DVDs
 - defined, 320
 - versus single-layer, 259
 - dual-stanchion legs, on tripods, 292
 - duct tape, for lighting equipment, 59, 294
 - DV camcorders. *See* digital (DV) camcorders
 - DV (digital video). *See* digital video (DV)
 - DV-AVI (Digital Device Format) video
 - quality
 - exporting AVI files and, 213, 214
 - exporting movies to VHS tape and, 249
 - high quality video capture and, 90
 - DVCAM camcorders, 319
 - DVCPro digital tape format, 320
 - DVD burners
 - LightScribe DVD drives and, 295–296
 - overview, 256
 - selecting external, 257
 - DVD players
 - VCD and SVCD files and, 217
 - versus VCRs, 243
 - DVD recording software, 256
 - DVD scene markers, 262–263
 - DVD-based camcorders, 51
 - DVD-R (DVD-Recordable), 258–259
 - DVD-RAM (DVD-Random Access Memory), 258–259
 - DVD-RW (DVD-ReWriteable), 258–259
 - DVDs (Digital Versatile Discs)
 - burning, 267–270
 - capacity of, 258
 - creating menus for, 261–263
 - customizing menus for, 263–266
 - defined, 320
 - equipment needed to record, 256
 - exporting movies to, 211
 - formats, 258–259
 - labeling, 295–296
 - previewing menu for, 266–267
 - purchasing blank, 256
 - single-layer versus double-layer, 259
 - understanding, 255–257
 - VCD, SVCD options, 259–260
 - versus VHS tapes, 255
 - Dynamics effect (Adobe Premiere Elements), 283
- E •**
- ease-of-use, Macintosh versus PCs, 26
 - editing
 - adding audio tracks to timelines, 171–172
 - adding nonlinear scenes, 16

editing (*continued*)

- adding special effects, 18–19
 - adding titles, 161–167
 - adding transitions to timelines, 152–153
 - adjusting color and light, 187–188
 - adjusting playback speed, 141–146
 - adjusting transitions, 153–157
 - animating video clips, 185–187
 - applying video effects, 182–184
 - audio and video separately, 172–173
 - changing title and, 168
 - comparing video-editing software capabilities, 308–312
 - compositing video tracks, 191–193
 - controlling video effects with keyframes, 184–185
 - creating storyboards, 133–134
 - creating transitions, 17–18
 - ease of, 125
 - linear versus nonlinear, 13
 - previewing clips and, 128–130
 - removing clips from timelines, 140
 - safeguarding master copy and, 11
 - selecting transitions, 148–151
 - short video projects, 13–15
 - trimming clips, 131–133
 - undoing actions, 141
 - working with timelines, 135–137
- editing online/offline, 322
- EDL (Edit Decision List), 320
- Effects and Transitions window (Adobe Premiere Elements), 182
- EIDE (Enhanced Integrated Drive Electronics) interface
- defined, 320
 - in Mac hard drives, 31
 - in PC hard drives, 34
- eMac. *See* Apple Macintosh
- e-mail, sending movies via, 228
- encoding, music files with iTunes, 120–121
- encoding passes, compressing videos and, 236
- environmental factors, protecting camcorders from, 285–286
- equipment
- for appearance/disappearance special effect, 273–274
 - camcorder accessories, 55–56
 - recommended recording, 297–298

- for shooting double special effect, 275
 - stabilization devices, 291–293
- exporting
- AVI files from Premiere Elements, 214–216
 - AVI files from Windows Movie Maker, 213–214
 - comparing video-software options for, 312–313
 - movies, 211–212
 - movies to VHS tape in iMovie, 247–248
 - movies to VHS tape in Premiere Elements, 253–254
 - movies to VHS tape in Windows Movie Maker, 251
 - movies to VHS tape, preparing computer for, 246–247
 - MPEG files from Premiere Elements, 216–217
 - QuickTime files from iMovie, 227–232
 - QuickTime movies from Premiere Elements, 237–239
 - video from Pinnacle Studio, 109–110
 - video in iMovie, 20–21
 - video in Windows Movie Maker, 21–22
 - Windows media from Windows Movie Maker, 232–234
 - WMV movies from Premiere Elements, 234–237
- exposure
- controlling, 71–72
 - defined, 320
 - preparing settings for shoots, 73
- extension cords, for lighting, 59, 294
- external DVD burners, selecting, 257
- external monitors, previewing on, 209–210
- external video converters, 42

● **F** ●

- fade transition, 147
- failures, commonly encountered on VHS tape, 247
- field
- defined, 320
 - interlacing and, 47
- file formats
- comparing media players and, 224–227
 - overview of video, 45–46
 - selecting video, 222

- Windows Movie Maker versus iMovie, 22
WMA, 121
- files
- comparing media players and, 224–227
 - creating space for video, 86–87
 - downloading versus streaming video, 222–223
 - exporting AVI from Premiere Elements, 214–216
 - exporting AVI from Windows Movie Maker, 213–214
 - exporting movies to AVI, 211
 - exporting movies to MPEG, 211
 - exporting movies to video, 211
 - exporting MPEG from Premiere Elements, 216–217
 - overview of video, 45–46
 - playing QuickTime, 22
 - playing Windows Media (WMV), 22
 - ripping AAC with iTunes, 120–121
 - ripping MP3 with iTunes, 120–121
 - ripping music with iTunes, 120–121
 - saving frame grabs as JPEG, 205
 - saving still images in JPEG, 197
 - selecting video, 222
 - size issues and Internet, 221
 - Windows Movie Maker versus iMovie, 22
 - WMA, 121
- filters
- choosing for QuickTime files, 230
 - common lens, 284–285
 - desirability of lens, 55–56
 - lens, 71
 - protecting from sun, 286
- Final Cut Express. *See* Apple Final Cut Express
- Final Cut Pro. *See* Apple Final Cut Pro
- fire sound effect, creating, 282
- firehosing, 74
- FireWire
- buying PCs and, 33
 - connecting DV camcorders to computer ports and, 88
 - defined, 320
 - DV codec and, 50
 - installing card in PC, 36
 - overview, 11–12
- flash memory camcorders, 51
- flicker, fluorescent lights and, 67
- fluid heads, on tripods, 292
- fluorescent lights, 67
- focus
- controlling, 71–72
 - forced perspective and, 278
 - preparing settings for shoots, 73
- folders, burning DVDs to, 268–269
- Foley, Jack (inventor, Foley sounds technique), 79
- Foley sounds, creating, 79–80, 281–282
- font, titles and, 160
- footsteps sound effect, creating, 282
- forced perspective, creating, 277–279
- formats. *See also* file formats
- digital audiotape (DAT), 319
 - digital camcorder, 50–52
 - DVCPRO digital, 320
 - DVD, 258–259
 - MicroMV digital, 321
 - MiniDV digital, 322
 - versus video formats, 46
 - VHS, 245–247, 255, 256
- frame grabs, 204–205
- frame rate
- choosing for QuickTime files in iMovie, 230
 - choosing for WMV files in Premiere Elements, 236
 - defined, 320
 - video standards and, 46
- frames
- controlling video playback and, 130
 - defined, 320
 - freezing video, 204–205, 288–289
 - timecode and, 131
 - troubleshooting dropped, 98–99
- freeze frames
- creating, 288–289
 - overview, 204–205
- frequency, measuring sound and, 111–112
- full-screen titles, 158
- **G** •
- Gamma Correction effect (Adobe Premiere Elements), 188
- gamut. *See* color gamut

gels
 defined, 321
 recommended, 294

generational loss
 analog video and, 300
 defined, 321
 digital video and, 11

generators, comparing video-editing
 software capabilities, 311–312

GoDaddy Web site, 240

GPU Effects, 181

gravel sound effect, creating, 282

green screen effects, 189

• **H** •

halogen lights, 67

hand-held microphones, 57

hard drives
 adding external, 41
 buying PCs and, 33
 creating space for video files on, 86–87,
 103–104
 defragmenting, 85
 Macintosh requirements, 29
 upgrading Mac, 31
 upgrading PC, 34–35

hardware
 checking components, 83
 choosing video capture, 40–41
 for exporting movies to tape, 245
 installing video capture, 42
 setting up capture for analog video,
 104–105

HD (High-Definition) video
 defined, 321
 using, 54

HDTV (High-Definition Television)
 defined, 321
 interlacing and, 47

heat
 managing and upgrading hard drive, 31
 protecting camcorders/tapes from, 285

helmet cams, recommended, 301–302

Highpass effect (Adobe Premiere
 Elements), 283

high-tech materials, on tripods, 292

horse hooves sound effect, creating, 282

hot-swap capability, FireWire and, 12

HugeHost Web site, 240

• **I** •

IEEE-1394. *See* FireWire

*iLife All-in-One Desk Reference For
 Dummies* (Bove, Rhodes), 199

illegal colors, fixing, 198

iMac. *See* Apple Macintosh

image aspect ratios, 48

Image Control effects, 181

Image Controls (Adobe Premiere
 Elements), 187

image-editing software, adjusting image
 sizes in, 196–197

images. *See also* still images; thumbnail
 images
 customizing background in DVD
 menu, 264
 improving video, 187–188
 mechanics of recording, 44–45
 stabilizing, 59–60

iMovie. *See* Apple iMovie

importing
 CD audio in iMovie, 118–119, 178
 CD audio in Windows, 121–122, 178
 media, video-editing software supported
 formats for, 307–308

in points, setting, 133

incandescent lights, 67

installation
 clean, 36
 of iMovie, 327–329
 of Premiere Elements, 336–337

interlacing
 defined, 321
 overview, 46–47
 television versus computer monitor
 viewing and, 244

interlacing jaggies, 47

Internet
 exporting movies to, 211
 video file size issues and, 221

Invert effect (Adobe Premiere Elements), 283
iPhoto, organizing still images with, 198–199
iTunes
 adding musical soundtrack from, 178
 ripping music files with, 120–121

• J •

JPEG format
 saving frame grabs as, 205
 saving still images in, 197

• K •

Ken Burns Effect, 287
key light
 defined, 321
 using, 58
keyboard controls, for video playback, 130
keyframes
 animating video clips and, 186–187
 controlling video effects with, 184–185
Keying effects, 181
kiss sound effects, creating, 282

• L •

lavaliere microphone
 defined, 321
 overview, 57
 recommended, 297
lens cap, preparing for shoots, 73
lens cleaner, desirability of, 55
lens filters
 common, 284–285
 desirability of, 55–56
 overview, 71
lens flare
 adding fake, 181
 bad light and, 66
 defined, 321
 sunlight and, 286
lens flares, avoiding, 66
lens hood, desirability of, 55

lens, protecting from sun, 286
light
 adjusting, 187–188
 backlighting, 70–71
 bouncing, 67–68
 diffusing, 69–70
 evaluating, 66
 filters and, 71
lighting equipment
 heat and diffusers and, 69–70
 overview, 59
 purchasing, 59
 recommended, 293–294
 selecting, 66–67
LightScribe DVD drives, 295–296
linear editing, versus nonlinear, 13
Linux, digital video and, 34
Lowpass effect (Adobe Premiere Elements), 283
luminance
 defined, 321
 television versus computer monitor color and, 49–50
luminance-chrominance (YUV) color space
 defined, 325
 television versus computer monitor color and, 49–50

• M •

.Mac Web site, 240
Macintosh. *See* Apple Macintosh
MacMinis. *See* Apple Macintosh
magazines, DV camcorder selection and, 44
manual controls, selecting camcorders and, 53
margins, creating titles and, 160
markers, DVD scene, 262–263
master copies, safeguarding, 11
mastering software, 256
media players
 QuickTime, 224
 RealPlayer, 225
 Windows Media Player, 226–227
memory. *See* RAM (Random Access Memory)

- menus
 - creating, 261–263
 - customizing, 263–266
 - overview, 260
 - previewing, 266–267
- MicroMV digital tape format, 321
- microphone connector, selecting
 - camcorders and, 53
- microphones
 - importance of quality, 113
 - managing ambient noise and, 78–79
 - recommended, 296–297
 - recording sound well and, 77–78
 - selecting, 56–58
 - setting up with Macs, 114
- Microsoft Windows. *See also* PCs
 - choosing video-editing software for, 37–38
 - comparing versions, 33
 - importing audio CD and, 121–122
 - upgrading hard drive and, 35
 - upgrading version, 35–36
- Microsoft Windows Media Player
 - adding musical soundtrack from, 178
 - importing/managing CD audio with, 121–122
 - overview, 226–227
- Microsoft Windows Movie Maker
 - adding black video to timeline and, 249–250
 - adding musical soundtracks in, 178
 - adding transitions to timelines in, 152
 - adjusting overall volume in, 174–175
 - adjusting playback speed in, 143
 - adjusting transitions in, 155
 - advanced editing capabilities, 310
 - Aged Film effects and, 18
 - audio fades in, 176
 - basic editing capabilities, 309
 - becoming familiar with, 332–333
 - capturing video in, 89–91
 - creating titles in, 163–165
 - editing audio and video separately in, 172–173
 - editing video in, 14–16
 - export options available, 313
 - exporting AVI files from, 213–214
 - exporting movie to VHS tape and, 251
 - exporting video and, 21–22
 - exporting Windows media from, 232–234
 - generator options, 312
 - importing audio into, 122
 - increasing preview size in, 208
 - keyboard controls for video playback
 - in, 130
 - organizing clips with, 127
 - previewing on external monitor with, 210
 - price/platform information for, 307
 - recording voice-over tracks and, 116–117
 - selecting transitions in, 149–150
 - special-effects capabilities, 311
 - supported formats for importing media, 308
 - supported formats for video capture, 308
 - trimming clips in timelines in, 138–139
 - upgrading, 331–332
 - using audio tracks in, 170–171
 - using still images in, 201–203
- MiniDV format
 - defined, 322
 - overview, 322
- mobile stabilizers, 293
- moiré pattern
 - defined, 322
 - selecting cast clothing and, 65
- monopods, 292–293
- mouse, versus keyboard controls for video playback, 130
- Movie Tasks (Windows Movie Maker), 332
- movies
 - adding black video to in Premiere Elements, 252–253
 - adding black video to in Windows Movie Maker, 249–250
 - e-mailing, 228
 - exporting, 211–212
 - exporting QuickTime from iMovie, 227–232
 - exporting QuickTime from Premiere Elements, 237–239
 - exporting to VHS tape in iMovie, 247–248
 - exporting to VHS tape in Premiere Elements, 253–254

exporting to VHS tape in Windows Movie Maker, 251
 exporting WMV from Premiere Elements, 234–237
 exporting WMV from Windows Movie Maker, 232–234
 finding Web servers for, 240
 preparing computer to export to VHS tape, 246–247
 prepping for TV playback, 244
 previewing critically, 209
 tips for previewing, 207–209, 244
 MP3 files, ripping with iTunes, 120–121
 MP3 recorders, recommended, 297–298
 MPEG files
 exporting from Premiere Elements, 216–217
 exporting movies to, 211
 multimedia controllers
 controlling video playback with, 130
 recommended, 298–300
 music, copyright issues and, 118
 music generation software, 295
 musical soundtracks, adding, 177–178
 musician supply stores, finding
 microphones, 297

• N •

narration, recording in Movie Maker, 116–117
 National Television Standards Committee (NTSC)
 defined, 322
 timecode, 131
 video standards, 45–46
 ND (neutral density) filters, 71, 284
 nightvision, selecting camcorders and, 53
 noise, managing ambient, 78–79
 noise sources, eliminating unwanted, 77
 nonlinear editing, versus linear, 13
 nonlinear editor (NLE) software, 322
 Notch effect (Adobe Premiere Elements), 283

Notepad software, creating simple Web pages with, 241–242
 NTI CD & DVD Maker
 advanced editing capabilities, 310
 basic editing capabilities, 309
 export options available, 313
 generator options, 312
 price/platform information for, 307
 special-effects capabilities, 311
 supported formats for importing media, 308
 supported formats for video capture, 308
 NTSC (National Television Standards Committee)
 defined, 322
 timecode, 131
 video standards, 45–46

• O •

omnidirectional microphones, 57
 online updates, upgrading Windows and, 36
 online/offline editing, 322
 operating system software, Macintosh requirements, 29
 opticals, selecting camcorders and, 53
 organizing
 clips, 127
 still images in Windows Movie Maker, 201
 still images with iPhoto, 198–199
 OS X Dock, capturing video and, 84–85
 out points, setting, 133
 out-of-gamut colors, fixing, 198
 overlay titles, 158–159
 overscan
 creating titles and, 160
 defined, 322

• P •

PAL (Phase Alternating Line)
 defined, 322
 video standards, 45–46

- panning, 74–75
- parts, protecting old, 28
- PCI (Peripheral Component Interconnect)
 - defined, 322
 - FireWire and, 36–37
- PCs. *See also* computers; Microsoft Windows
 - adjusting power settings and screen savers on, 39–40
 - ascertaining free space on, 86
 - building, 33
 - buying new, 32–33
 - choosing Windows video-editing software for, 37–38
 - FireWire and, 12
 - updating video drivers on, 38–39
 - upgrading, 34–36
 - versus Macintosh, 26–27
- Peripheral Component Interconnect (PCI)
 - defined, 322
 - FireWire and, 36–37
- permissions, acquiring, 64
- perspective
 - camera, shooting and, 74
 - forcing, 277–279
- Perspective effects, 181
- Phase Alternating Line (PAL)
 - defined, 322
 - video standards, 45–46
- Photoshop
 - adjusting image sizes in, 196–197
 - fixing out-of-gamut colors in, 198
- Photoshop Elements, fixing out-of-gamut colors in, 198
- picture-in-picture effect, creating, 279–281
- Pinnacle Liquid Edition
 - advanced editing capabilities, 310
 - basic editing capabilities, 309
 - export options available, 313
 - generator options, 312
 - price/platform information for, 307
 - special-effects capabilities, 311
 - supported formats for importing media, 308
 - supported formats for video capture, 308
- Pinnacle Studio
 - advanced editing capabilities, 310
 - advantages of, 104–105
 - basic editing capabilities, 309
 - capturing analog video with, 108–109
 - export options available, 313
 - exporting analog video from, 109–110
 - generator options, 312
 - price/platform information for, 307
 - special-effects capabilities, 311
 - supported formats for importing media, 308
 - supported formats for video capture, 308
- Pinnacle Systems (Dazzle Digital Video Creator 90), 301
- PitchShifter effect (Adobe Premiere Elements), 283
- pixel aspect ratios, 49
- Pixelate effect, 181
- pixels
 - defined, 49, 322
 - television versus computer monitor, 244
 - video image versus still photo aspect ratio, 196
- playback direction, reversing in iMovie, 143
- playback speed
 - adjusting in iMovie, 142–143
 - adjusting in Premiere Elements, 143–146
 - adjusting in Windows Movie Maker, 143
 - overview, 141
- player software
 - overview, 223
 - QuickTime, 224
 - RealPlayer, 225
 - Windows Media Player, 226–227
- Plextor (ConvertX Digital Video Converter), 301
- Plug and Play technology
 - connecting camcorders to computers and, 12
 - defined, 322
- plug-ins, for iMovie, 329–330
- polarizing filters, 284
- power settings, adjusting PC, 39–40

power-management settings, disabling for movie export, 246
Premiere Elements. *See* Adobe Premiere Elements
Premiere Pro. *See* Adobe Premiere Pro
Preview window (Windows Movie Maker), 332
previewing
 clips, 128–130
 critically, 209
 DVD menu, 266–267
 on external monitors, 209–210
 movie on camcorder LCD display, 244
 tips for movie, 207–209
 titles, 161
processors
 buying Macs and, 29
 buying PCs and, 33
progressive downloads
 overview, 223
 Windows Media Player and, 226
progressive scan
 defined, 322
 overview, 47
 selecting camcorders and, 52
projects
 adding titles to, 161–167
 starting new video, 126
 visualizing the storyboards, 133–134
punch sound effect, creating, 282
push transition, 148

• Q •

quality, selecting video capture, 90
QuickTime, 224
QuickTime format files
 exporting from iMovie, 227–232
 exporting from Premiere Elements, 237–239
 iMovie export presets for, 232
 overview, 222
 playing, 22
QuickTime Pro, 224

• R •

RAM (Random Access Memory)
 buying PCs and, 33
 defined, 323
 Macintosh requirements, 29
 upgrading Mac, 30–31
Read The Manual (RTM), upgrading and, 27
RealMedia format, 222
RealNetworks RealPlayer software, 225
recording equipment, recommended, 297–298
recording format
 overview, 50–52
 selecting camcorders and, 53
Red-Green-Blue (RGB) color space
 defined, 323
 television versus computer monitor color and, 49–50
reflections, correcting, 284–285
reflectors
 overview, 59, 67–68
 recommended, 294
reliability, Macintosh versus PCs, 26
render
 applying video effects and, 182
 defined, 323
 overview, 212
 viewing transitions and, 153
Render effects, 181
rendering, transitions in iMovie, 153
resolution
 defined, 323
 of freeze frames, 204
 selecting camcorders and, 53
 video standards and, 46
Reverb effect (Adobe Premiere Elements), 283
RGB (Red-Green-Blue) color space
 defined, 323
 television versus computer monitor color and, 49–50
Rhodes, Cheryl (*iLife All-in-One Desk Reference For Dummies*), 199

- ripping, music files with iTunes, 120–121
- RTM (Read The Manual), upgrading and, 27
- rubberbands
 - adjusting volume dynamically and, 175–176
 - audio clip volume and, 174
- S ●
- sampling rates
 - defined, 323
 - understanding, 112
- SATA (Serial ATA) interface, 34–35
- scenes. *See also* clips
 - defined, 127
 - recording “before” and “after,” 274
- screen savers
 - adjusting PC, 39–40
 - disabling for movie export, 246–247
- scrub, 323
- SECAM (Sequential Couleur Avec Memoire)
 - defined, 323
 - video standards, 45–46
- Serial ATA (SATA) interface, 34–35
- serifs, titles and, 160
- settings
 - adjusting video effects, 182–184
 - backlighting and camcorder, 70
 - for exporting movies to VHS tape in Premiere Elements, 253–254
 - for exporting QuickTime movies in iMovie, 228–231
 - for exporting QuickTime movies in Premiere Elements, 237–238
 - for exporting WMV movies in Premiere Elements, 235–236
 - for exporting WMV movies in Windows Movie Maker, 233
 - lighting situations and camcorder, 71
 - reviewing camcorder for shoots, 72–73
 - setting up Premiere Elements, 338–339
 - video-capture, adjusting, 106–108
- Shadow/Highlight effect (Adobe Premiere Elements), 188
- shooting location, surveying, 63
- shooting, recommendations for good, 73–74
- shots
 - checklist of needed, 63
 - composing, 65
- shuttle
 - defined, 323
 - timecode breaks and, 77
- ShuttlePro multimedia controller (Contour A/V Solutions), 299
- simplicity, titles and, 159
- size
 - adjusting still photo image, 196–197
 - choosing for QuickTime files images, 231
 - of titles, 160
- slates
 - defined, 323
 - importance of, 298
 - synchronizing audio with video and, 58
- SmartSound Quicktracks, 295
- SMPTE (Society for Motion Picture and Television Engineers), 323
- snow sound effect, creating, 282
- soft filters, 285
- software
 - analog video-capture card, 245
 - choosing Mac video-editing, 31–32
 - choosing PC video-editing, 37–38
 - comparing player, 223–227
 - creating simple Web pages with text-editing, 241–242
 - DVD recording, 256
 - music generation, 295
 - nonlinear editor, 322
 - storing clips in video-editing, 127
 - troubleshooting camera control through video-editing, 97–98
 - turning off unnecessary, 84, 103, 246
- sound. *See* audio
- sound effects
 - adding, 18–19
 - creating, 79–80, 281–282
 - using iMovie, 176–177
- sound reflection, minimizing, 79, 113
- soundtrack generator, 312

- SpaceShuttle A/V multimedia controller (Contour A/V Solutions), 298–299, 300
 - special effects. *See also* video effects
 - adding audio, 18–19
 - comparing video-editing software capabilities, 310–311
 - creating picture-in-picture, 279–281
 - forced perspective, 277–279
 - in-camera features, 54
 - making subjects appear/disappear, 273–274
 - preparing settings for shoots, 73
 - shooting double, 275–276
 - speed
 - FireWire, 12
 - PC hard drive, 35
 - splitting, clips, 132
 - stabilization devices, 291–293. *See also* tripods
 - standards, broadcast video, 45–46
 - stands, interlacing versus progressive, 46–47
 - Star filters, 285
 - static electricity, avoiding buildup during upgrades, 28
 - Steadicam, 293
 - still images
 - adjusting size of, 196–197
 - default duration for, 202
 - fixing color in, 198
 - freezing video frames for, 204–205
 - organizing with iPhoto, 198–199
 - panning or zooming on, 287–288
 - preparing for video, 195
 - using in iMovie, 200–201
 - using in Premiere Elements, 203
 - using in Windows Movie Maker, 201–203
 - still photo capability, selecting camcorders and, 53–54
 - stock audio, copyright issues and, 118
 - storyboards
 - defined, 324
 - visualizing project with, 133–134
 - straight cut transition, 147
 - streaming media
 - RealPlayer software and, 225
 - versus downloading, 222–223
 - Stylize effects, 181
 - subtitles
 - adding to menus, 263–264
 - defined, 324
 - sun, protecting camcorders from, 286
 - Super Duper Music Looper, 295
 - SuperDrive, Macintosh requirements, 29
 - SVCDs (Super Video CDs)
 - burning, 268–270
 - as DVD option, 259–260
 - exporting MPEG files and, 217
 - S-VHS tape
 - defined, 324
 - S-Video connectors and, 105
 - S-VHS tape deck, 303
 - S-Video
 - for analog camcorders, 105
 - defined, 324
 - Swap Channels effect (Adobe Premiere Elements), 283
 - System Tray, capturing video and, 84
- T •
- tape formats
 - digital audiotape (DAT), 319
 - Digital8, 52, 319
 - DVCPPro digital, 320
 - MicroMV digital, 321
 - MiniDV digital, 50, 322
 - versus video formats, 46
 - VHS, 245–247, 255, 256
 - tape players, connecting to computers, 113
 - tapes. *See* digital video tapes; VHS tapes
 - telephoto lens, zooming and, 75
 - television
 - color versus computer monitor, 49–50
 - previewing on, 209–210
 - versus computer monitor viewing, 244
 - text, customizing title in DVD menu, 263–264
 - TextEdit software, creating simple Web pages with, 241–242
 - text-editing software, creating simple Web pages with, 241–242
 - 3-D transition, 148

- thumbnail images
 - in clip browser, 128
 - in storyboards, 134
 - thunder sound effect, creating, 282
 - Tiffen Filters, 285
 - Time effects, 181
 - timecode
 - defined, 324
 - understanding, 131
 - timecode breaks
 - avoiding, 76–77
 - defined, 324
 - timelines
 - adding audio to, 171–172
 - adding black video to in Windows Movie Maker, 249–250
 - adding transitions to, 152–153
 - adjusting playback speed in iMovie with, 142
 - animating video clips and, 185–187
 - creating, 135–137
 - defined, 324
 - removing clips from, 140
 - trimming clips and, 138–140
 - timing, planning shoot, 64
 - Tint effect (Adobe Premiere Elements), 188
 - Title Designer
 - creating titles in, 165–167
 - margins and, 160
 - title safe margins, 160
 - titles
 - changing length of, 168
 - creating effective, 158–161
 - creating in iMovie, 161–162
 - creating in Title Designer, 165–167
 - creating in Windows Movie Maker, 163–165
 - customizing text in DVD menu, 263–264
 - defined, 324
 - overview, 157–158
 - town bell sound effect, creating, 282
 - tracks
 - compositing video, 191–193
 - tracking timelines, 136–137
 - understanding audio, 170–171
 - Transform effects, 181
 - transitions
 - adding to timelines, 152–153
 - adjusting, 153–157
 - creating, 17–18
 - defined, 324
 - overview, 147–148
 - picture-in-picture effect and, 280
 - selecting best, 148–151
 - translucent plastic sheets, for lighting
 - diffusion, 59, 69–70
 - transparency, understanding, 189
 - Treble effect (Adobe Premiere Elements), 283
 - trimming
 - clips, 131–133
 - clips in timelines, 138–140
 - tripods
 - for appearance/disappearance special effect, 273–274
 - overview, 291–292
 - panning and, 75
 - preparing for shoots and, 73
 - selecting, 59–60
 - for shooting double special effect, 275
 - troubleshooting
 - camera control through capture software, 97–98
 - dropped frames, 98–99
 - unexpected capture stops, 99
 - TV. *See* television
- u •
- Underdahl, Keith (*Adobe Premiere Elements For Dummies*), 156, 187, 215, 262
 - Undo command, using, 141
 - upgrading
 - iMovie, 327–329
 - Macs, 30–31
 - overview, 27–28
 - PCs, 34–36
 - Windows Movie Maker, 331–332

USB (Universal Serial Bus)
connecting DV camcorders to computers
and, 89
defined, 324
digital camcorders and, 12
MiniDV camcorders and, 50
2.0 versus 1.1 ports, 51
UV filters, 284

• U •

VCDs (Video CDs)
burning, 268–270
as DVD option, 259–260
exporting MPEG files and, 217
VCRs
preparing for movie export to, 245–246
versus DVD players, 243
VHS tapes
advantages of, 256
commonly encountered failures with, 247
preparing computer for movie export,
246–247
preparing for movie export to, 245–246
versus DVDs, 255
video. *See also* movies
advantages of digital, 125
analog versus digital, 11
capturing analog, 106–110
capturing digital in iMovie, 92–93
capturing digital in Windows Movie
Maker, 89–91
compressing, 212
digital, 9–10, 319
digitizing analog before capture, 101–102
DVDs capacity, 258
editing separately, 172–173
exporting from Premiere Elements,
214–217
exporting in iMovie, 20–21
exporting in Windows Movie Maker, 21–22
freezing frames in, 204–205
hardware for capturing analog, 40–41
importing digital from phones/digital
cameras, 97

playing, 22–23
streaming versus downloading, 222–223
using audio in, 169–170
video capture. *See* capture
Video Capture Wizard, capturing video in
Windows Movie Maker, 89–91
video cards
defined, 325
memory of, 33
updating drivers for, 38–39
Video CDs (VCDs)
burning, 268–270
as DVD option, 259–260
exporting MPEG files and, 217
video clips. *See* clips
video converters
digitizing analog video before capture
with, 101–102
for exporting to VHS tape, 245
overview, 300–301
video decks, recommended, 302–303
video display adapter, buying Macs and, 29
video effects. *See also* special effects
applying, 182–184
comparing video-editing software
capabilities, 310–311
compositing, 189–193
controlling with keyframes, 184–185
overview, 179–180
in Premier Elements, 180–181
video files
comparing media players and, 224–227
creating space for, 86–87
downloading versus streaming video,
222–223
exporting AVI from Premiere Elements,
214–216
exporting AVI from Windows Movie
Maker, 213–214
exporting movies to, 211
exporting MPEG from Premiere Elements,
216–217
overview of video, 45–46
playing, 22
selecting, 222
size issues and Internet, 221

- video files (*continued*)
 - Windows Movie Maker versus iMovie, 22
 - WMA, 121
 - video playback, keyboard controls for, 130
 - video production, planning, 63–64
 - video tracks, compositing, 191–193
 - video-editing software. *See also specific software*
 - adjusting audio volume in, 173–174
 - choosing Mac, 31–32
 - choosing PC, 37–38
 - comparing editing capabilities of, 308–312
 - comparing generator options of, 311–312
 - for creating picture-in-picture effect, 279
 - creating storyboards and, 133–134
 - price/platform information for, 306–307
 - storing clips, 127
 - supported formats for importing media, 307–308
 - supported formats for video capture, 308
 - trimming clips in, 131–133
 - troubleshooting camera control through, 97–98
 - using audio tracks in, 170–171
 - viewing waveforms in, 170
 - working with timelines and, 135–137
 - videotape, exporting movies to, 211
 - voice-over tracks, recording in Movie Maker, 116–117
 - volume
 - adjusting, 173–174
 - adjusting dynamically, 175–176
 - adjusting overall, 174
 - Volume effect (Adobe Premier Elements), 283
 - VRAM (Video Random Access Memory)
 - buying PCs and, 33
 - defined, 32
 - VU (volume unit) meter, 325
- *W* ●
- warranties, upgrades and, 27
 - water, protecting camcorders from, 286
 - waveforms, 170, 325
 - Web pages, creating simple, 241–242
 - Web server
 - finding for movies, 240
 - need for, 239–240
 - Web sites
 - for basic video-editing software, 306–307
 - for DV camcorder selection assistance, 44
 - for helmet cams, 301–302
 - for iMovie plug-ins, 329
 - for iMovie upgrades, 328
 - for Macintosh upgrades, 30
 - for microphones, 297
 - for multimedia controllers, 298–299
 - for music generation software, 295
 - for Premiere Elements free trial, 336
 - for royalty-free music, 118
 - Steadicam, 293
 - Tiffen Filters, 285
 - VCD and SVCD file compatibility and, 217
 - for video converters, 301
 - for Web server services, 240
 - wide angle lens, zooming and, 75
 - widescreen format, aspect ratios and, 48
 - wind protecting camcorders/microphones from, 286
 - Windows. *See* Microsoft Windows
 - Windows Media Player
 - adding musical soundtrack from, 178
 - importing/managing CD audio with, 121–122
 - overview, 226–227
 - Windows Media Video (WMV) file format
 - exporting from Premiere Elements, 234–237
 - exporting from Windows Movie Maker, 232–234
 - overview, 222
 - playing, 22
 - Windows Movie Maker. *See* Microsoft Windows Movie Maker
 - wipe transition, 148
 - WMA files, working with, 121

• **X** •

Xpress DV. *See* Avid Xpress DV

• **Y** •

YUV (luminance-chrominance) color space
defined, 325
television versus computer monitor color
and, 49–50

• **Z** •

zebra pattern
defined, 325
exposure and, 72
zoom, adjusting timeline, 136
zoom lens, using, 75

