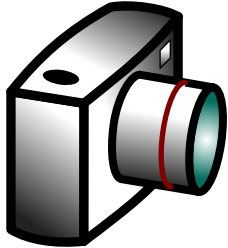


Wide-format resolutions and file sizes



Camera Mp x 3 \approx file size in MB – RGB color

(Manufacturers cheat a little on resolution by overstating the useful megapixel count)

- **Wide-format ink-jet printer resolution \approx 1,440 - 2,880 spi**
- **Traditional halftone frequency possible is $\text{spi}/16 \approx$ 90 - 180 lpi**
- **Traditional 2x rule-of-thumb for halftone images says that 180 - 360 ppi is needed**
- **Stochastic pattern imaging used by ink-jet devices allows for lower resolution than conventional halftones, so the multiplier can be considerably lower than 2**
- **180 - 225 ppi image resolution is usually more than adequate**



Original image as pixels as viewed on computer display

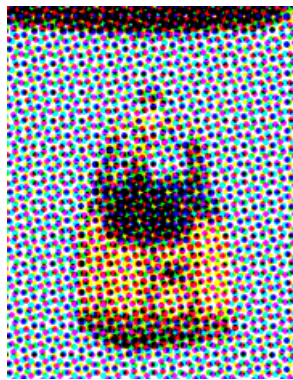


Image as a conventional round-dot four-color halftone for a printing press

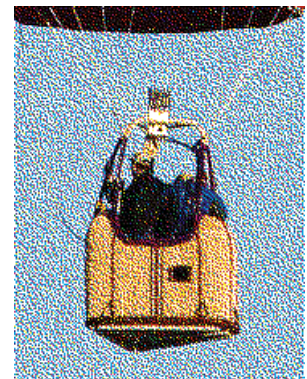


Image as a stochastic-pattern four-color image results in better apparent detail

