
True Color

In this paper the term true color is used to define color reproduction such that the underlying digital quantization of the color within an image is not discernable by the human eye. In other words a continuous spectrum of color, such as in a rainbow, can be displayed so that the color appears to vary continuously across the image. In most computer graphics systems this is accomplished using 24 bits of color information per pixel. With 24 bits, any single pixel can be displayed at one of 2^{24} (16.7 million) colors.

Some graphics systems may define true color to be represented by less than 24 bits per pixel.
