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Subject: Re: grayscale vs. color

Posted by [Liam E. Gumley](#) on Tue, 23 May 2000 07:00:00 GMT

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David Fanning wrote:

- > After giving this some more thought, I going to back
- > off a notch and agree with Struan, sort of. :-)
- >
- > Perhaps CYMK support is not strictly needed. Certainly
- > most of us have Photoshop. (Although, God knows that is
- > another long-learning-curve piece of software!) We can
- > probably get by with it or our friend, the Graphic Designer,
- > who we religiously take out to lunch at least once a month.
- >
- > But what I would like, very much, is for the PostScript
- > device to be a true 24-bit device so that 24-bit images
- > could be reproduced in good CYMK colors. Now, of course,
- > you have to Color\_Quan 24-bit images to get PostScript
- > color.

The PostScript device *\*does\** support 24-bit images displayed with TV or TVRD (don't forget to load the grayscale color table though). What it can't do is draw decomposed colors, as in the following example:

```
plot, indgen(10), color='FF0000'XL
```

A workaround is to use the Printer device (which supports both 24-bit images and decomposed colors), and select an output printer which supports color PostScript (e.g. HP Color Laserjet PS).

Cheers,

Liam.

<http://cimss.ssec.wisc.edu/~gumley>

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