
Subject: Re: Color mode rgb -> cmyk?

Posted by [R.G.S.](#) on Mon, 08 Oct 2001 16:45:48 GMT

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David Fanning <david@dfanning.com> wrote in message
news:MPG.162b7fd812b0eeb9896f2@news.frii.com...

> Barry Lesht (bmlesht@anl.gov) writes:

>

>> Someone else must have encountered this problem, but I can't find any
>> mention of it in the FAQ or documentation. I generated an EPS figure
>> for publication using IDL. The journal, however, wants figures as EPS
>> in CMYK color mode instead of RGB. Is there a way to do this in IDL?
>> I've tried using Adobe Illustrator (which will do the conversion) but
>> two of my figures are too large for the amount of memory I have (128M)
>> on the machine that hosts Illustrator. I've also tried using
>> ImageMagick, but without success. Thanks.

>

> No, IDL won't do it. You may have to take your
> files to someone with a computer with more
> horsepower. Kinko's will probably be able to
> do it for you, if you can't find a colleague
> with Illustrator or Photoshop.

This is amazing. I was at this very minute searching google groups
comp.text.tex and comp.lan.postscript for rgs to cmyk solutions.

(there was nothing found in this newsgroup)

The results of my search is that it is hard to do, there are many algorithms
to do it (because any one alg may not produce good results for certain
cases) and it seems you have to buy some software to do it.

One such package seems to be adobe illustrator (as suggested by JGR).

The Kinko's suggestion is a great one, and is what I'll be telling my
colleagues to do.

Thanks dave!

Be prepared for a flood of cmyk posts, since AGU seems to have changed
its specifications for submitting camera ready manuscript, in that they do
require CMYK for color (or maybe they have always been that way IDK).

Cheers,
bob

PS

Barry "my figures are too large for the amount of memory "
um, how bout cranking up the virtual memory to >10 gigabytes or there
abouts.

(It'll be a slow swappy mess, so leave it running when you go home. :))

If it is a one page postscript file that is that large (100M) how about
converting
to an image file (TIFF for instance), then doing the color seperation?
