Subject: Re: Making color images from 3 grayscale images
Posted by saken on Fri, 21 Jan 1994 16:41:06 GMT
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In article <1994Jan20.183743.1398@news.uit.no>, roy@mack.uit.no (Roy Oestensen) writes:
|> Does anybody have experience with constructing a true color image
|> from three grayscale images (R+G+B) in IDL?
|>
|> I have several astronomical images that have been made in appropriate
|> wavebands, and would very much like to construct real RGB images for
|> publishing.
|>
|> If anybody out there have the IDL programs that does this kind of stuff,
|> please let me know!
|>
|>
|> Roy OEstensen * E-mail: roy@mack.uit.no ** "Sometimes I think I
|> Auroral Observatory * ** understand everything
|> University of Tromsoe * PLEASE NOTE: The letters ** ---- Then I regain
|> Norway * oe and OE is \o and \O in TeX ** consciousness..."
|>

The IDL manual talks at great length about this in the Postscript section.
I've followed their procedure with great success. However, I find it very
useful to use the COLOR_QUAN procedure to "preview" the image on an 8-bit
display. Slight changes in the scaling for your input color planes can have
a large effect on the final color of the image.

jon saken