
Subject: [?] Color management.

Posted by [trond](#) on Sat, 09 Mar 1996 08:00:00 GMT

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Hi:

I create a window and read in a color gif (using `read_gif,name,img,r,g,b` followed by a `tv!ct,r,g,b`), which I 'paint' the window with (somewhat like the netscape html BACKGROUND extension). Next, on this bluish (see my web page) backdrop I want to `tv,a,x,y` some scientific black & white images. I read them in using my home made (very useful) `read_pgm` program (the files are in standard pgm format). But when I `tv` them on the blue backdrop, it turns out that certain pixel values in my black and white pictures get mapped into blue.

Now, I can see why this could happen.... but the fix for the problem is not immediately obvious to me. I would rather not have to manually manage the color tables.

My black and white images do not contain all 255 maximum available colors - only about 245 colors (but I guess _which_ 245 colors varies from picture to picture.... so presumably that may have to be equalized using some not too destructive algorithm) and the background takes up only two colors (plus black).

Thanks for any help!

Trond

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| Trond S. Trondsen <VE6NOR> <<http://www.ucalgary.ca/~tstronds/pai/pai.html>> |

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