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Subject: Re: color\_quan & gif files

Posted by [Liam Gumley](#) on Thu, 29 Jul 1999 07:00:00 GMT

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Simon Hall wrote:

> I'm producing a lot of images that will eventually end up on a web  
> page, so I'm generating .gif files. I'm also using a 24 bit display  
> so my code is something like this:  
>  
> set\_plot, 'win'  
> device, decomposed = 0  
>  
> <do plot here>  
>  
> tvlct, r, g, b, /get  
> write\_gif, filename, color\_quan(tvrd(/true), 1, r, g, b), r, g, b  
>  
> (All this courtesy of dfanning.com, thanks David)  
>  
> I do get valid gif files but color\_quan seems to alter the colours a  
> little. Most noticeably, the white background is now light grey  
> ([248,248,248] rather than [255,255,255]). Not a big difference but  
> immediately obvious against a white background.

Here's a hack which changes any color table entries with R,G,B values greater than 245 to white:

```
image = color_quan(tvrd(/true), 1, r, g, b, colors=256)

value = 245
index = where((r gt value) and (g gt value) and (b gt value), count)
if count gt 0 then begin
  r[index] = 255B
  g[index] = 255B
  b[index] = 255B
endif

write_gif, filename, image, r, g, b
```

Cheers,  
Liam.

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