
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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Liam E. Gumley

Space Science and Engineering Center, UW-Madison

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