
Subject: colors... again

Posted by [T Bowers](#) on Fri, 26 Jan 2001 01:04:36 GMT

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I thought I understood colors in IDL. If I create a color plot in a direct graphics window
then tvrd() and immediately tv it back, how come the colors are not right?
E.g.:

```
device, decomposed=0 & loadct, 13 & window  
map_set, 30, -89, LIMIT=[27, -92, 33, -86], GRID=1  
map_continents, /coasts, color=155, HIRES= hires ;GREEN  
map_continents, /rivers, color=200, HIRES= hires ;YELLOW
```

```
;store the window's image  
mapImage = tvrd()
```

```
;print the unique color indices that are in this image.  
;should print 0 155 200 255 for black, green, yellow, and red in this color  
table  
IDL> print, mapImage[UNIQ(mapImage, SORT(mapImage))]  
0 255
```

Why only the 2 colors black and red??

```
tv, mapImage
```

shows it's true.

thanks
tb
