
Subject: Re: IDL color palette and tvrd
Posted by [ian](#) on Mon, 10 Jan 1994 15:59:40 GMT
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Word has it that fisher@echo.gsfc.nasa.gov (Brad L. Fisher) may have said:
> into a new array and then display. Only problem is is that the colors come
> out wrong. It seems that maybe tv is somehow scaling the data into the new
> array this ruining my indexed color image.

```
> .  
> .  
> tvlct,r,g,b ; r,g,b already read in from a file  
> radar_img(0:383,0:383)  
> canvas (10:393,86:480) = radar_img  
> tv,canvas  
> xyouts,400,100,"This is text"  
> tvrd(),canvas2  
> tv,canvas2  
> .  
> .  
> end
```

Hmmm. What data types are radar_img and canvas? I'm just wondering if you're getting "data wrap" on your data. As in, if your data goes over 255, then it is displayed mod 256. The tvrd() will just read the values on the screen, not the actual data values. First thing I'd try would be to use "tv, bytscl(canvas,min=???,max=???)", where the ??? are minimum and maximum values that make it look good, in place of "tv,canvas". This will set all of the data into the 0-255 range.

+--Ian Novack (Particle Man and Comatose Reader)-----ian@gomez.jpl.nasa.gov----+
| "My whole problem is my lips move when Jet Propulsion Lab |
| I think." -- Calvin, after getting slugged Pasadena, CA |
+---Disclaimer: Had this been an actual opinion, it would still be mine.-----+
