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Subject: IDL color palette and tvrd  
Posted by [fisher](#) on Fri, 07 Jan 1994 20:26:51 GMT  
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Friday, January 7, 1994

I am running IDL for the Macintosh V3.5.1 and am having trouble getting tvrd to work correctly. Let me briefly explain exactly what I am doing.

I have a radar image that is in cartesian format (384x384 bytes). I want to overlay this image on a canvas (a 640x480 image) and then annotate it with text. However, simply placing the text on the image does not update the canvas array and hence I am trying load the current window 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.

```
.  
. .  
tv!ct,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
```

Any help will be greatly appreciated.

Dave  
wolff@echo.gsfc.nasa.gov

```
+-----+  
+ David B. Wolff          NASA/Goddard Space Flight Center +  
+ Pho: (301) 286-2120    TRMM Office, Code 910.1      +  
+ FaX: (301) 286-1626    Greenbelt, Maryland 20771    +  
+-----+  
+           wolff@echo.gsfc.nasa.gov                   +  
+-----+
```