
Subject: setting colors in IDL from X info ?

Posted by [Richard Tyc](#) on Fri, 24 Sep 1999 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I have an application running in X windows on an SGI IRIX based (X11R5 i think/ Directcolor 24) workstation. Its a medical image app and displays MR/CT images well and allows me to dump them into JPEG or I can do a DICOM transfer to a file and read it in IDL.

The problem, the colors (and greyscale) used in the app seem to look much better than when I display them in IDL. (I simply use a linear ramp from each R,G,B) Can I somehow save the greyscale and 24 bit color table from the app using some type of X windows comand and than use the info to set up IDL.

For example, in the IDL demo, in the visualize section where a combined MR/PET volume is rendered, the code reads in a color palette from the demodata area to load into the volumes rgb_table0 property. I notice the file nice_mri.pal (bytarr(256,3) array) is far from a linear ramp in each primary color. I assume the app uses a similar type of specialized pallete. How can I get this palette from a X windows app already displaying the object well ?

Thanks in Advance

Rich
