
Subject: Color Plots and Grey-scale Images

Posted by [Pat Broos](#) on Thu, 05 Oct 1995 07:00:00 GMT

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Oh color table guru,

I wish to create grey-scale image displays AND plots that use color at the same time. I know how to create a color table with a grey-scale in the lower part of the table and the colors I need in the last few entries. I know how to use BYTSCL with the TOP keyword and then TV to display an image using only the grey-scale portion of my color table.

My question is this: is there anyway to write to the system variable !D.TABLE_SIZE so that TVSCL can be tricked into using only the grey-scale portion of my color table?

A suggestion for RSI eyes: it would be wonderful if IDL provided these services directly. For example you could provide a procedure that "installs" colors by name ("RED", "BLUE", etc) into the upper parts of the color table and adjusts !D.TABLE_SIZE to hide them from TVSCL. Then, all routines which take a COLOR keyword could be made to understand colors by name, .e.g PLOT, X, Y, COLOR='RED'

Thanks for the help, Patrick Broos

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