
Subject: Re: Colour tables

Posted by [davidf](#) on Tue, 10 Oct 2000 07:00:00 GMT

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

Charles Kilburn (C.Kilburn@rl.ac.uk) writes:

- > Does anyone know how to save a colour table that you have made in
- > XPALETTE? Using MODIFYCT seems to be the only way, but it needs 256
- > element vectors, and R_ORIG, R_CURR etc. are only 235 elements under
- > Windows. Loading colour tables made with them leaves a band of 20 odd
- > white colours at the top.

The easiest way to save a color table, probably, is with the SAVE command:

```
TVLCT, r, g, b, /Get
colors = Transpose([[r], [g], [b]])
SAVE, File='mycolors.sav', colors
```

Then, when you need it:

```
RESTORE, 'mycolors.sav'
TVLCT, colors
```

This is best if you want to retain specific colors at specific index numbers.

Or, if your color table contains smooth graduations in color, you can always use the good ol' Congrid command:

```
TVLCT, r, g, b, /Get
ModifyCT, 41, 'mycolors', Congrid(r, 256, /Interp), $
Congrid(g, 256, /Interp), Congrid(b, 256, /Interp)
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155
