
Subject: Re: displaying Image with colors
Posted by [David Fanning](#) on Sat, 07 Jun 2003 00:38:03 GMT
[View Forum Message](#) <> [Reply to Message](#)

Robinson (robinson@model.iag.usp.br) writes:

> I am trying to display an image with colors where pixels with
> values from -10 to 20 have to be green, from 21 to 40 have to
> be orange, from 41 to 60 blue and values from 61 to 80 yellow.
> How could I do this?? Does somebody could help me?.

I would try something like this:

```
s = Size(image, /Dimensions)
cimage = BytArr(s[0], s[1])
TVLCT, FSC_Color('green', 'orange', 'blue', 'yellow', /Triple), 100
I = Where(image GE -10 AND image LE 20, count)
IF count GT 0 THEN cimage[I] = 100
I = Where(image GE 21 AND image LE 40, count)
IF count GT 0 THEN cimage[I] = 101
I = Where(image GE 41 AND image LE 60, count)
IF count GT 0 THEN cimage[I] = 101
I = Where(image GE 61 AND image LE 80, count)
IF count GT 0 THEN cimage[I] = 102
Device, Decomposed=0
TV, cimage
```

Cheers,

David

P.S. You can find FSC_Color here:

http://www.dfanning.com/programs/fsc_color.pro

--

David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155
