
Subject: Re: Help with vert_colors and rgb_table
Posted by [Mark Piper](#) on Tue, 29 Jan 2013 17:19:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Monday, January 28, 2013 10:33:20 AM UTC-7, justinclouds wrote:

>
> What I need is to be able to show the color scale in the plot area to give an indication of the
scale on the z values. Also, can the color range in z values be controlled?
>

There are a few ways to handle this. If you have IDL 8.2, here's one:

```
x = 2*!pi*findgen(50)/49
y = sin(x)*cos(2*x)
z = round(randomu(1, 50)*100)
p = plot(x, y, 'o', $
    /sym_filled, $
    vert_colors=bytsc1(z), $
    rgb_table=39)
cb = colorbar(rgb_table=39, $
    range=[0,100], $
    position=[0.50, 0.20, 0.90, 0.23])
```

Note that I bytescaled the Z values.

mp
