Subject: Re: Help with vert_colors and rgb_table
Posted by justinclouds on Tue, 29 Jan 2013 17:56:19 GMT
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On Tuesday, January 29, 2013 10:19:27 AM UTC-7, Mark Piper wrote:
> 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=bytscl(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

That's what I needed. Thanks!