
Subject: Re: scatter plot , intensity colors. Help
Posted by [David Fanning](#) on Sun, 17 Nov 2013 15:38:23 GMT
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Lim writes:

```
> My final code:
>
> Pro sctrplnt
>
> X=[2, 4, 5, 6, 7, 8]
> Y=[20, 40, 45, 30, 10, 5]
> I=[100,200,300,400,500,600]
> nelms=n_elements(X)
> colors = cgScaleVector(Findgen(N_Elements(I)), Min(I), Max(I))
> clr = Value_Locate(colors, I)
> clr = Byte(Round(cgScaleVector(clr, 0, 255)))
>
> cgLoadCT, 33
> cgWindow
> ;the scatterplot
> cgPlot, X, Y, /Nodata, /AddCMD
> FOR j=0,nelms-1 DO cgPlotS, X[j], Y[j],Color=clr[j], Psym=16,symsize=2,/AddCMD
> cgColorbar, Divisions=5, Format='(I3)', Range=[100,600], /AddCMD , Title='I'
>
> End
```

I prefer to have the color bar separate from the plot and not
overwritten on top of it, but aesthetics are completely up to you. ;-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
