
Subject: Re: 8.* graphics

Posted by [David Fanning](#) on Tue, 17 Jan 2012 18:22:02 GMT

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Russell writes:

> UPDATE: I tried a variant of a trick by David F., but for the y-axis
> http://www.idlcoyote.com/tips/another_yaxis.html . For some kooky
> reason, as soon as I use the axis.pro (function not procedure), the
> colors and transparency immediately go away. GRRR!!!

Here is some code that worked surprisingly well!

```
pos = [0.125, 0.15, 0.9, 0.875]
x = findgen(101)
y1 = cgDemoData(17)
y2 = cgDemoData(17)
cgPlot, x, y1, /NoData, Position=pos, xtickformat='(A1)', $
    ytickformat='(A1)'
cgColorfill, [x[0],x,x[-1]], [!Y.Crange[0], y1,!Y.Crange[0]], $
    /data, color='yellow'
p1 = cgsnapshot()
cgerase
cgPlot, x, y2, /NoData, Position=pos, xtickformat='(A1)', $
    ytickformat='(A1)'
cgColorfill, [x[0],x,x[-1]], [!Y.Crange[0], y2,!Y.Crange[0]], $
    /data, color='olive'
p2 = cgsnapshot()
cgblendimage, p1, p2
cgPlot, x, y1, thick=2, /Noerase, Position=pos
cgplot, x, y2, /Overplot, thick=2
END
```

Your mileage may vary. For for 5 minutes work, it's not too bad. :-)

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
