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Subject: Easy colours?

Posted by [markjamie](#) on Fri, 16 Nov 2012 00:23:59 GMT

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I often find myself needing to plot graphs (in direct or new graphics) for an unknown number of data series. To differentiate between them in the plot I colour each line / symbols. Since most of the time I have less than 10 series I usually just define an array of 10 specific colours and select from this on the plot command. However, this method has problems if you breach the number of pre-defined colours.

Ideally, I'd like to be able to load a colour table and then have an easy way to select 'x' equally spaced colours across the colour table.

For example, if my colour table went from blue-yellow-pink-green-red and I had 5 data series, I would like to be able to access each colour using a fractional number specifying how far across the colour table

E.g.

Loadct,39

Plot, Series1, color=mycolour(0)

OPlot, Series2, color= mycolour(0.25)

OPlot, series3, color=mycolour(0.5)

OPlot, series4, color=mycolour(0.75)

OPlot, series5, color=mycolour(1)

I've never found a way to do this in IDL - perhaps I'm missing something really simple...

Any thoughts?

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