

BACKGROUND COLOR

PURPOSE

Specifies the color of the background. See the Colors chapter for a complete list of available colors.

DESCRIPTION

The background is “painted” whenever a subsequent screen erasure takes place. For 2-dimensional graphics (e.g., PLOT, HISTOGRAM, BOX PLOT, etc.), the background is the region inside the frame lines (while the region outside the frame lines is the “margin”). For 3-dimensional graphics (3D-PLOT) and diagrammatic graphics (e.g., TEXT, ARC, BOX, CIRCLE, etc.), the background region is the entire screen.

SYNTAX

BACKGROUND COLOR <color>

where <color> is a string or an integer number or parameter that specifies the desired background color.

EXAMPLES

```
BACKGROUND COLOR GREEN
BACKGROUND COLOR YELLOW
BACKGROUND COLOR 2
BACKGROUND COLOR
```

NOTE 1

The current version of DATAPLOT automatically sets the value of the margin color equal to value of the background color whenever a BACKGROUND color command is entered. If you in fact want them different, enter a MARGIN COLOR command after the BACKGROUND COLOR command. Earlier versions of DATAPLOT may not set the margin color when the background is changed.

NOTE 2

The BACKGROUND COLOR command with no arguments sets the background color to default.

NOTE 3

This command is device dependent in that some devices may not let you set the background color. In addition, devices vary in the colors that they support.

DEFAULT

The default background color is white.

SYNONYMS

None

RELATED COMMANDS

| | | |
|--------------------|---|---|
| PLOT | = | Generates a data or function plot. |
| MARGIN COLOR | = | Sets the color for the plot margin. |
| ERASE | = | Clear the graphics screen (and re-draw the background). |
| CHARACTER COLORS | = | Sets the colors for the plot characters. |
| LINE COLORS | = | Sets the colors for the plot lines. |
| SPIKE COLORS | = | Sets the colors for the plot spikes. |
| BAR FILL COLORS | = | Sets the colors for the plot bar fills. |
| BAR PATTERN COLORS | = | Sets the colors for the plot bar patterns. |
| BAR BORDER COLORS | = | Sets the colors for the plot bar borders. |
| TITLE COLOR | = | Sets the color for the plot title. |
| LABEL COLOR | = | Sets the color for the plot labels. |
| LEGEND COLOR | = | Sets the color for the plot legends. |
| BOX COLOR | = | Sets the color for the plot boxes. |
| ARROW COLOR | = | Sets the color for the plot arrows. |
| SEGMENT COLOR | = | Sets the color for the plot segments. |
| FRAME COLOR | = | Sets the color for the plot frame. |
| GRID COLOR | = | Sets the color for the plot grids. |
| TIC COLOR | = | Sets the color for the plot tics. |

TIC LABEL COLOR = Sets the color for the plot tic labels.

APPLICATIONS

Presentation graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
DEVICE 2 COLOR ON
BACKGROUND COLOR BLACK
FRAME COLOR WHITE
LABEL COLOR WHITE
TIC MARK COLOR WHITE
TIC MARK LABEL COLOR WHITE
TITLE COLOR WHITE
LINE COLOR WHITE
TITLE AUTOMATIC
Y1LABEL SIN(X)
X1LABEL X
PLOT SIN(X) FOR X = -6 0.01 6
```

