



# Presentation template

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## General informations

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## Colors

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### Background colors

□ background (plBG)

■ foreground (plFG)

■ text (plTX)

### Highlight colors

■ low (plLO)

■ medium (plMD)

■ high (plHI)

## Fonts

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This documentclass uses the Droid family of fonts. Droid Sans is the default font, and the monospace font is Droid Mono. Math support is provided.

$$\int_a^b \alpha \eta \approx \sum \Pi \epsilon \phi$$

Note that the maths are rendered using `mathastext`.

## Colors

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The normal text is set in p`lTX`. The `alerted text` is in p`lHI`. It also works for  $\alpha^2$  maths. This slide has the `b` option to be bottom-aligned, to show the white space at the bottom.

The structure is in p`lLO`.

## Options

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This example presentation was compiled with `9pt`, `compress`, `aspectratio=169`, and `serif`.

To remove the progress bar below each slide title, use the `noprogressbar` option.

By the way, the progressbar colors are derived from `plHI` and `plBG`.

## Plots

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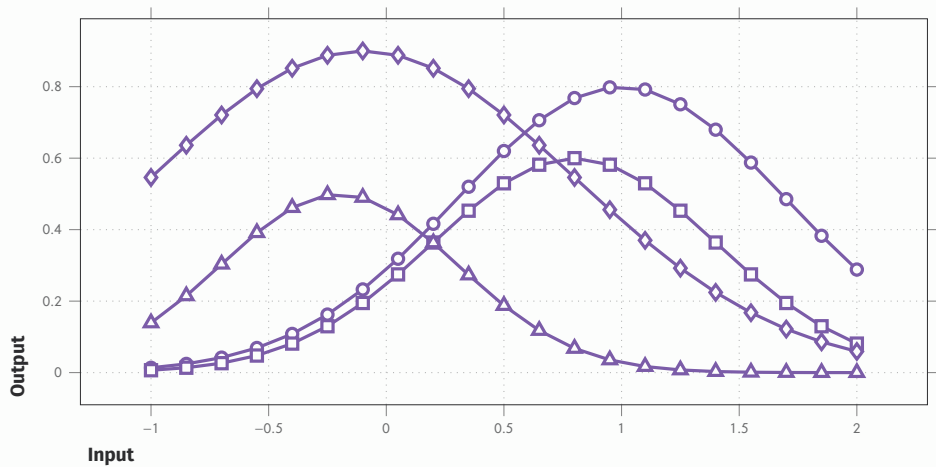
The theme comes with a few pgfplots options, notably in the form of pre-defined cycles.

Note that there are also some document-level options, such as (notably) `scale only axis`.

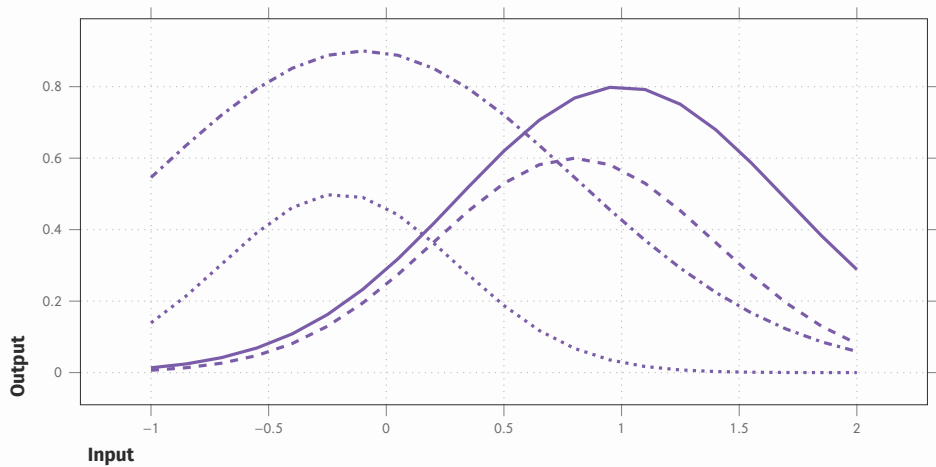
By design, most cycles are limited to three or four elements. This will force to keep graphs simple.

The default color of graphics is `p1MD`.

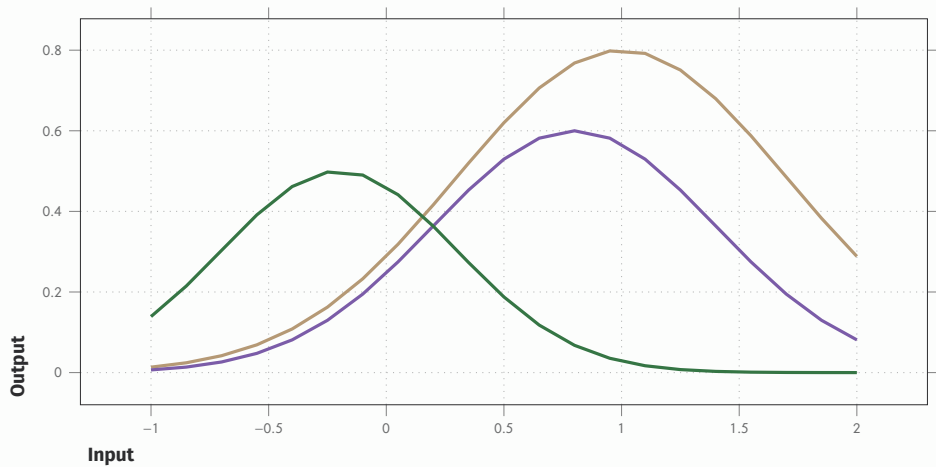
## The plLineSymbol cycle



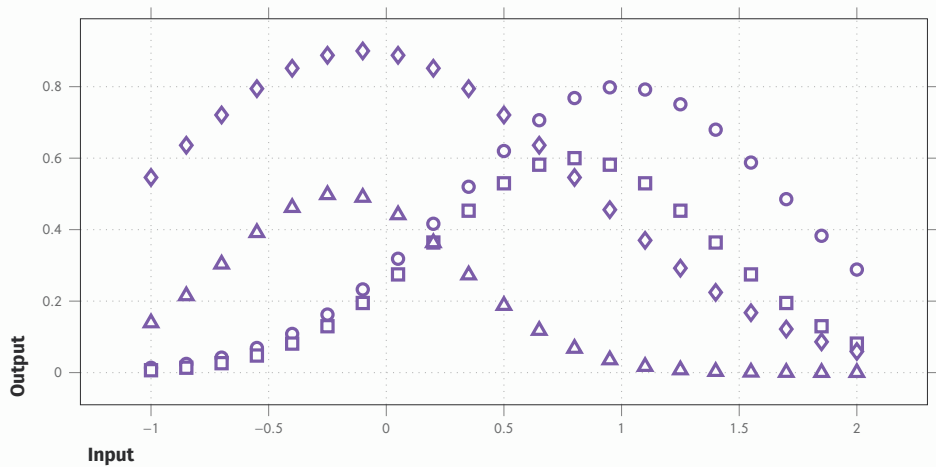
## The plLineType cycle



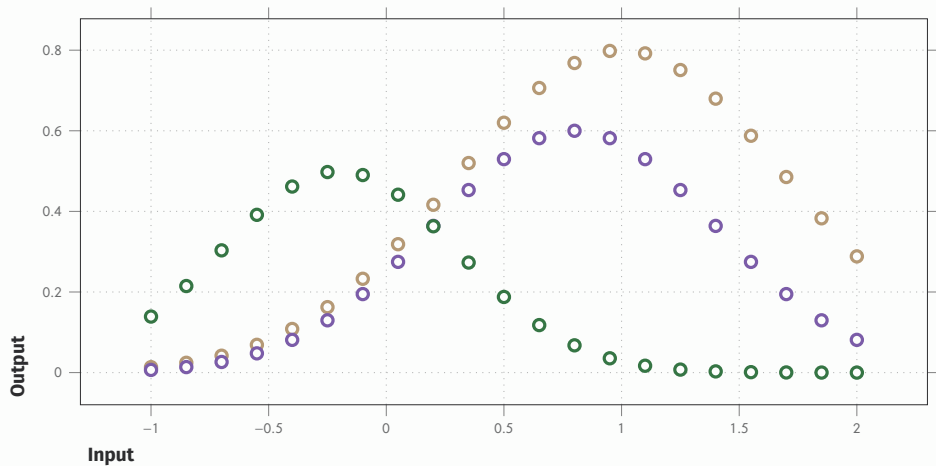
The `plLineColor` cycle (only three values!)



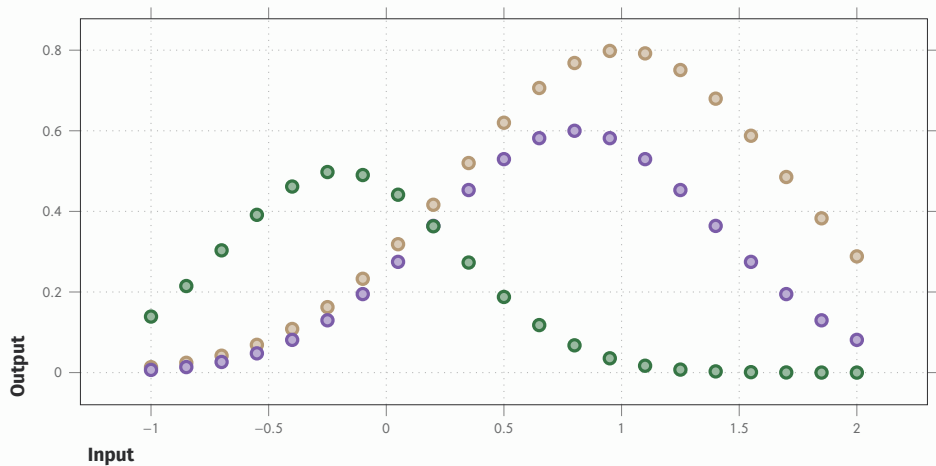
## The plSymbol cycle



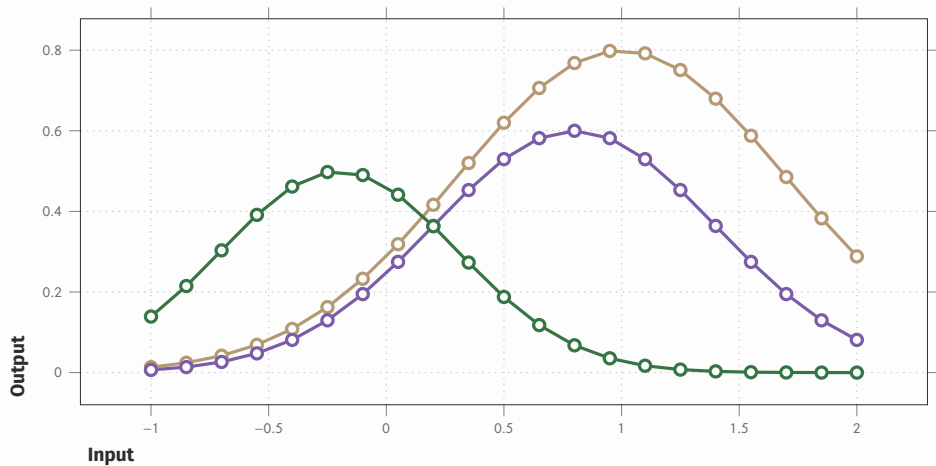
The `plSymbolColor` cycle (only three values!)



The `plSymbolFilled` cycle (only three values!)

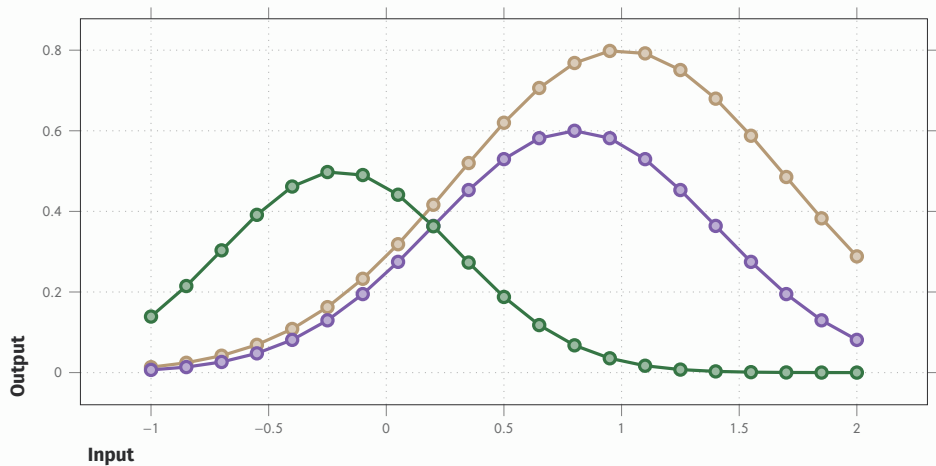


The `plLineSymbolColor` cycle (only three values!)

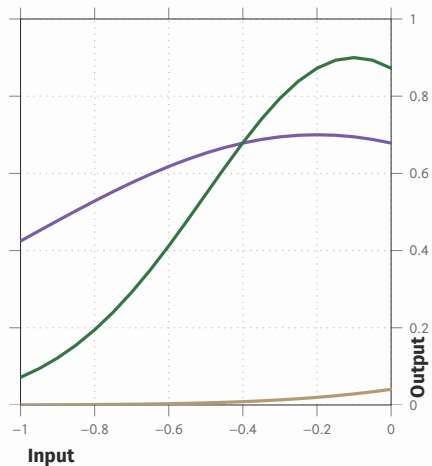




The `plLineSymbolFilled` cycle (only three values!)



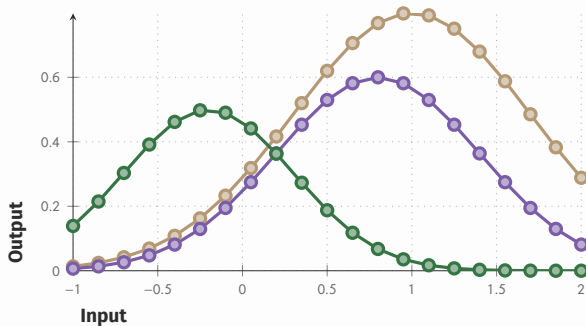
## Demonstration with two plots



## The plLineGraph style

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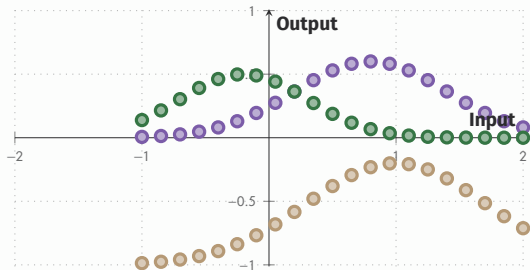
Useful if you don't want to have a full frame around the graph.



## The plCenteredAxes style

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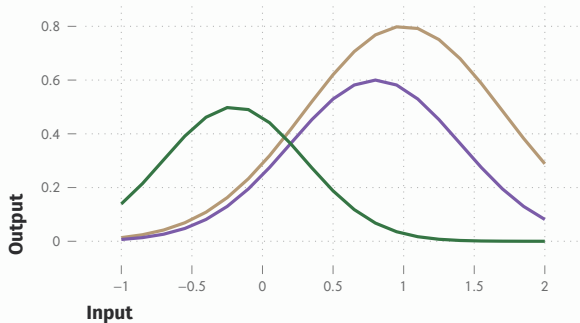
Useful if you don't want to have a full frame around the graph.



## The plNoAxes style

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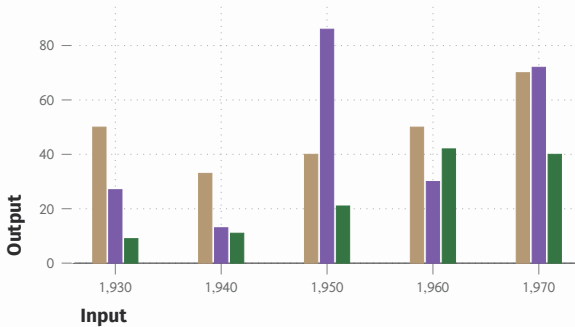
Used to not draw **any** axes. For whenever you feel like minimalism is the way.



## The plVerticalBarPlot style

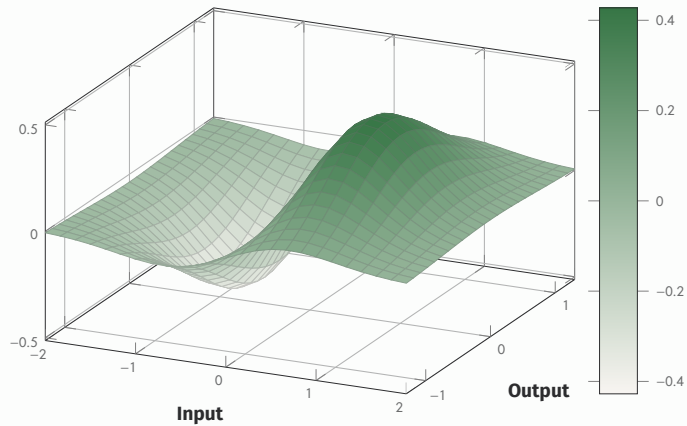
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Sometimes barplots are a necessary evil. We've got you covered. There is a `plBarColors` cycle to go with it. Only three colors. Note that the y axis will **always** start at 0 when this style is used.



## 3D with `plSurfacePlot`

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Code

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## General remarks on code

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The highlighting of code is handled by `minted`, which uses `pygments` as the syntax engine.

Slides with code `must` be marked as `fragile`. For example, the beginning of the present slide is:

```
k\beginn+nb{framen+nb}[fragile]n+nb{General remarks on coden+nb}
```

Refer to the `minted` documentation.

## Example

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```
kdef n+nfdoublep(nxp):  
  c# This is not a useful function  
  kreturn l+m+mi2 o* nx
```

Final matters

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## Résumé

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Get the source of this theme and the demo presentation from

`github.com/matze/mtheme`

This presentation

