ggplot2
theme elements reference

Set *minimal* as the baseline theme:

```
theme_minimal() +
theme(theme.element = element_type())
```

Use `element_blank()` to **remove an element**

Axis titles, text, ticks, and lines can be specified per axis using theme inheritance by putting .x/.y at the end of the theme element.

`axis.line.y = element_line()`

`axis.title.y = element_text()`

`panel.grid.major = element_line()`
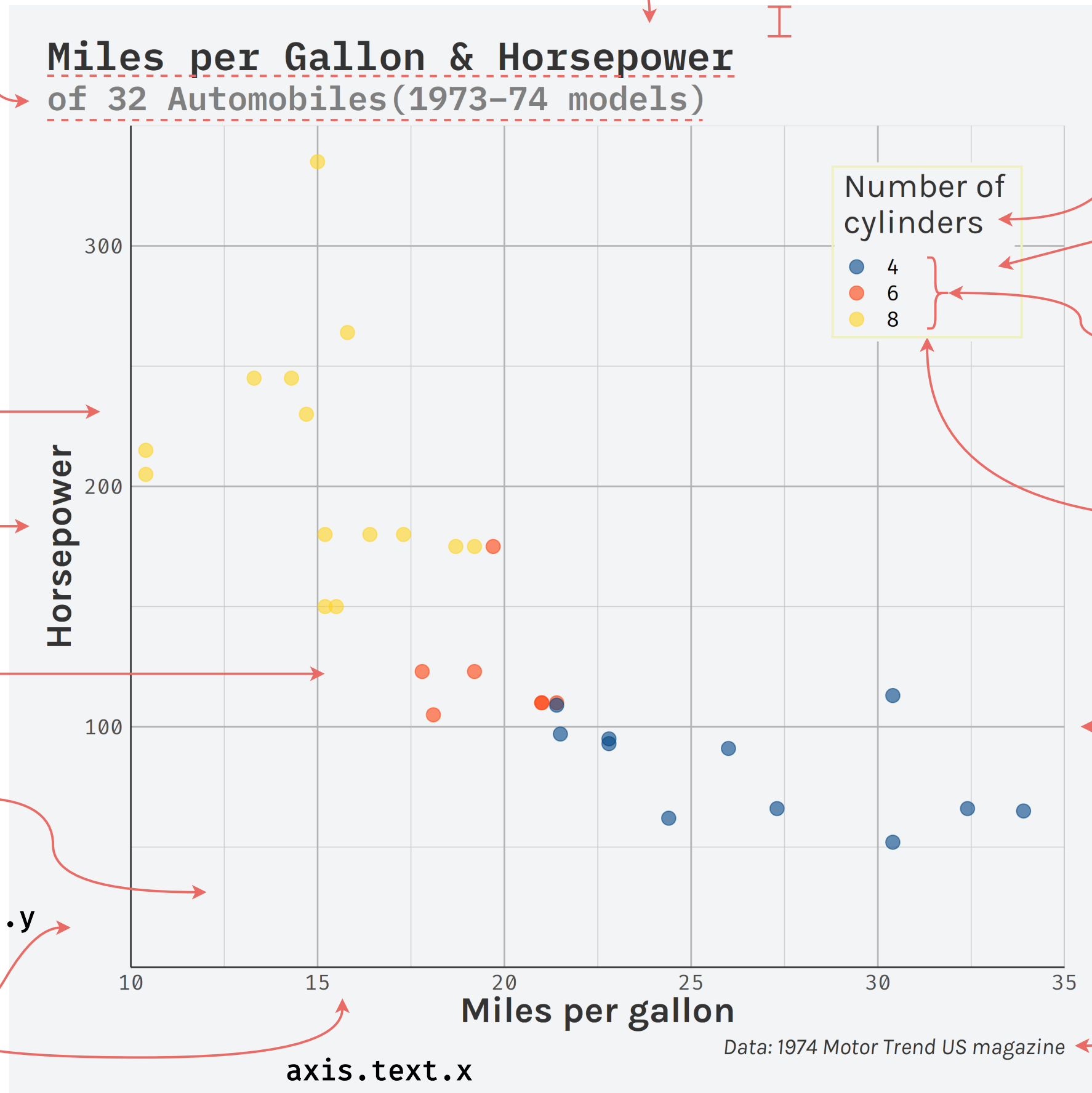
`panel.grid.minor = element_line()`

`axis.text.y`

`axis.text = element_text()`

`axis.text.x`

`plot.title.position = "plot"`
`plot.caption.position = "plot"`

"plot" means that they will be aligned to the entire plot (instead of the panel)

`plot.title = element_text()`

`plot.subtitle = element_text()`

`plot.margin = margin(25, 25, 25, 25)`

Miles per Gallon & Horsepower
of 32 Automobiles(1973-74 models)

Horsepower

300

200

100

Miles per gallon

10   15   20   25   30   35

Number of cylinders
- 4
- 6
- 8

Data: 1974 Motor Trend US magazine

`legend.title = element_text()`

`legend.background = element_rect()`

`legend.text = element_text()`

`legend.position = c(.85,.85) / "none" / "left" / "right" / "bottom" / "top"`

`plot.background = element_rect()`

`plot.caption = element_text()`

isabella-b

`text = element_text()` ← modifications will be applied to all text elements

Full list of elements at ggplot2.tidyverse.org/reference/theme