

Hello, 20.03.2023



live preview →

Temperature °

38 °C

Gyroscope

$(\begin{matrix} 4.1 \\ 8.7 \\ 4.2 \end{matrix})$ rad/s

Light

3500 lx

sensors →

Temperature °

Min: 35 °C Avg: 38 °C Max: 40 °C

Gyroscope

Min: (4,8,4) rad/s Avg: (4.5,9,4) rad/s Max: (5,9,6) rad/s

Light

Min: 2500 lx Avg: 3000 lx Max: 5000 lx

devices →

iPhone 13 Pro



14 sensors available

10 sensors running

← Live view

Mo, 20.03.2023

Temperature 

38 °C

Last update:
- 3 min

Gyroscope 

4.0 rad/s

Last update:
- 3 min

Light 

3500 lx

Last update:
- 10 min

← Statistics

Mo, 20.03.2023

Favorites

Gyroscope

Light

Accelerometer

Temperature

All

Pressure

Gravity

Ambient Temperature

← Historic view

Gyroscope (in m/s², prec: 2)



5 min | 1 h | 12 h | 2 d | 1 w

Please select a filter

Graph | Table

X

Y

Z

Fri. 13.01.23 12:05:00	-4.10	8.78	4.20
Fri. 13.01.23 12:04:00	-4.10	8.70	4.20
Fri. 13.01.23 12:03:00	-4.10	8.00	4.20
Fri. 13.01.23 12:02:00	-4.10	8.00	4.20
Fri. 13.01.23 12:01:00	-4.10	8.00	4.20

Example

Show me the (y-) minimum of all hourly averages from yesterday (= avg(1 hour, axis = y).min())
7.06

Show me the range of amount of datapoints a day from last week (= count(1 day).range())

SensorId: gyroscope
Unit: rad/s
Accuracy: HIGH
Time interval: 1 min

Please select a filter



Count

Mode

Min

no filter

Please select a filter



Count

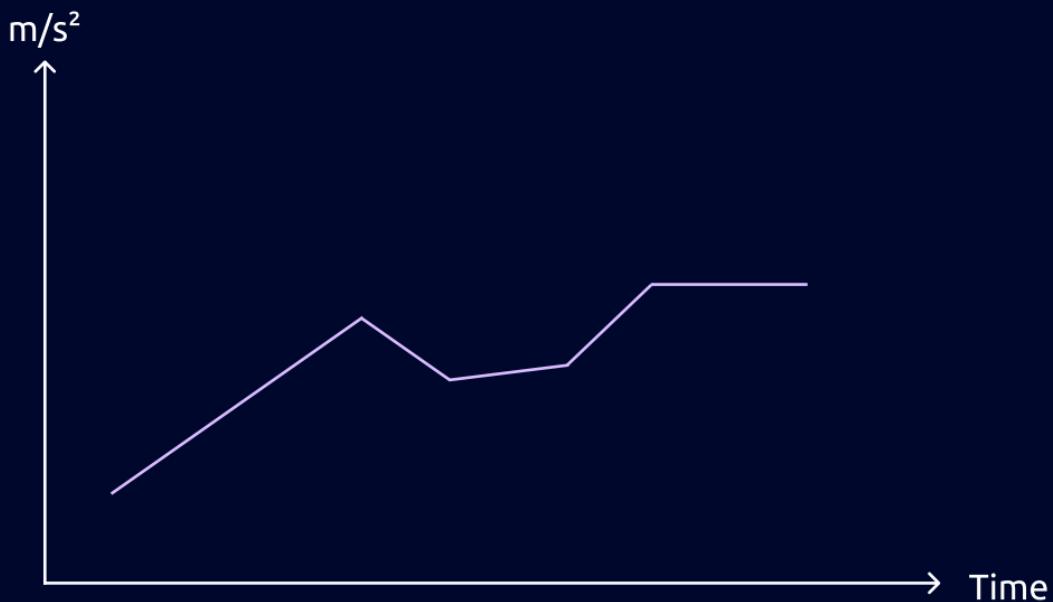
Mode

Min

no filter

Graph

Y



← Historic view

Gyroscope (in m/s², prec: 2)



5 min

1 h

12 h

2 d

1 w

Min



Graph | Table

X

Y

Z

Fri. 13.01.23

-4.10

8.00

4.20

12:03:00

Example

Show me the (y-) minimum of all hourly averages from yesterday (= avg(1 hour, axis = y).min())

7.06

Show me the range of amount of datapoints a day from last week (= count(1 day).range())

23

← Historic view

Gyroscope (in m/s², prec: 2)



5 min | 1 h | 12 h | 2 d | 1 w

Please select a filter

Graph | Table

X

Y

Z

Fri. 13.01.23 12:05:00	-4.10	8.78	4.20
Fri. 13.01.23 12:00:00	-4.10	8.00	4.20
Thu. 12.01.23 12:05:00	-4.10	8.00	4.20

Example

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7.06

Show me the range of amount of datapoints a day from last week (= count(1 day).range())

← Historic view

Gyroscope (in m/s², prec: 2)



5 min

1 h

12 h

2 d

1 w

Min



[Graph](#) | [Table](#)

X

Y

Z

Fri. 13.01.23 12:03:00	-4.10	8.00	4.20
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Example

Show me the (y-) minimum of all hourly averages from yesterday (= avg(1 hour, axis = y).min())
7.06

Show me the range of amount of datapoints a day from last week (= count(1 day).range())

← Settings

 Sensors
overview of all sensors

 Devices
overview of all usable devices

 Import / Export
import & export of Sensor Data

 Info
other information about the app

← Info

“Anwendungsprojekt SE” of
University of Ulm

Device Information

OS version:

- iOS 16.3

Free storage:

- 5 GB

...

License

MIT

Version

0.1

Developer

- Felix Schlegel
- Hermann Fröhlich
- Florian Gebhardt
- Mukhtar Muse
- Leonhard Alkewitz

← Import/Export

Import sensor data

supported format: json

Choose a sensor



Import

Export sensor data

supported format: json

Choose a sensor



time interval:

All

Manual

Choose a sensor



All

Gyroscope

Accelerometer

Light

None

Choose a sensor



All

Gyroscope

Accelerometer

Light

None

← Import/Export

Import sensor data

supported format: json

Gyroscope



Import

Export sensor data

supported format: json

Choose a sensor



time interval:

All

Manual

← Import/Export

Import sensor data

supported format: json

Choose a sensor



Import

Export sensor data

supported format: json

Light



time interval:

All

Manual

← Export

Select time interval for export

start time

Fri 13 01 2023 : 00 : 01

end time

Fri 13 01 2023 : 00 : 01

Export

← Sensors

iPhone 13 Pro

show available

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Gyroscope 

Light 

Accelerometer 

Temperature 

All

Pressure 

Gravity 

Ambient Temperature 

← Sensors

iPhone 13 Pro

show available

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Favorites

Gyroscope 

Light 

Accelerometer 

Temperature 

All

Pressure 

Gravity 

Ambient Temperature 

← Sensors

iPhone 13 Pro

show available

 Search

Favorites

Light



Accelerometer



Temperature



All

Gyroscope



Pressure



Gravity



Ambient Temperature



← Sensors

iPhone 13 Pro

show available

 Search

Favorites

Light



Accelerometer



Temperature



All

Gyroscope



Pressure



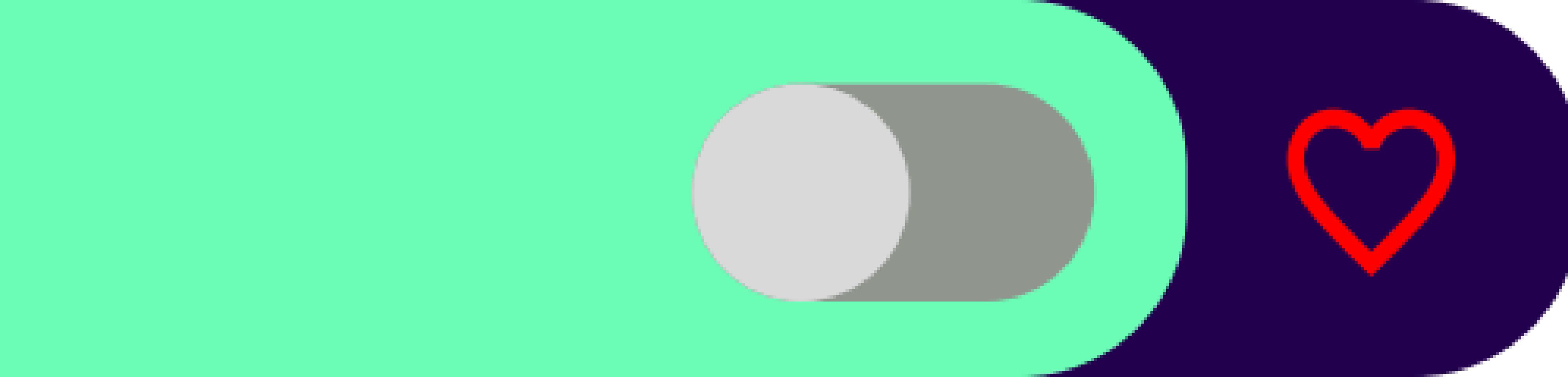
Gravity



Ambient Temperature



Gyroscope



← Sensors

iPhone 13 Pro

show available



Favorites

Gyroscope



All

Gravity



← Sensors

iPhone 13 Pro

show available



Favorites

Gyroscope



All

Gravity



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Gravity

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← Sensors

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show available



Search

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Light



Accelerometer



Temperature



All

Gyroscope



Gravity



Ambient Temperature



← Sensors

iPhone 13 Pro

show available



Search

Favorites

Light



Accelerometer



Temperature



All

Gyroscope



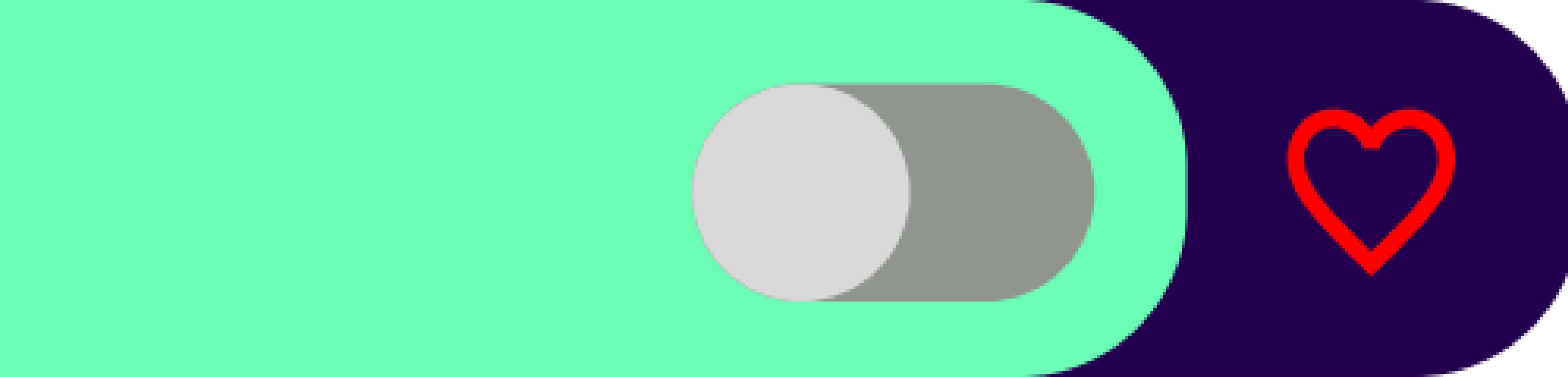
Gravity

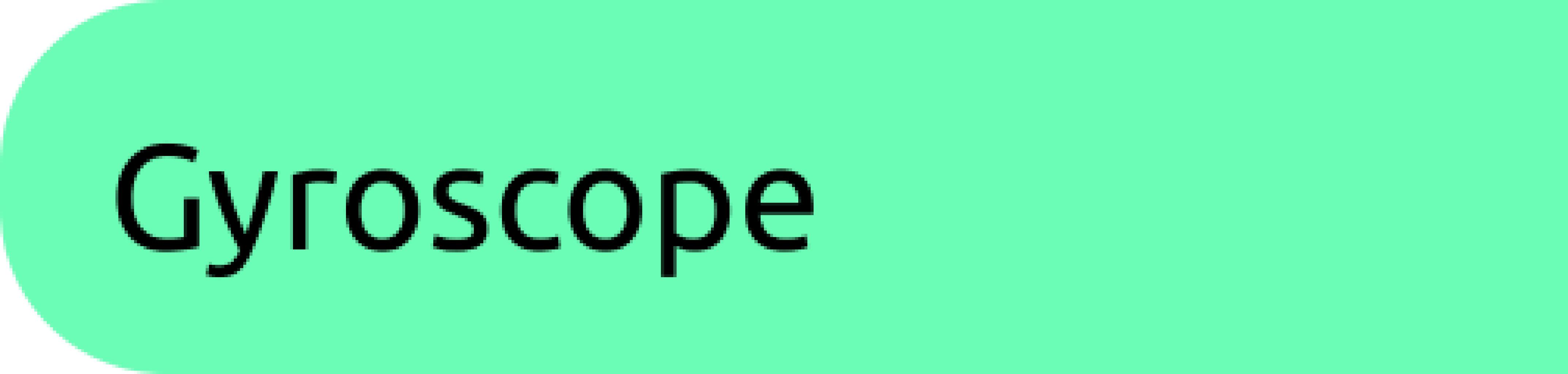


Ambient Temperature

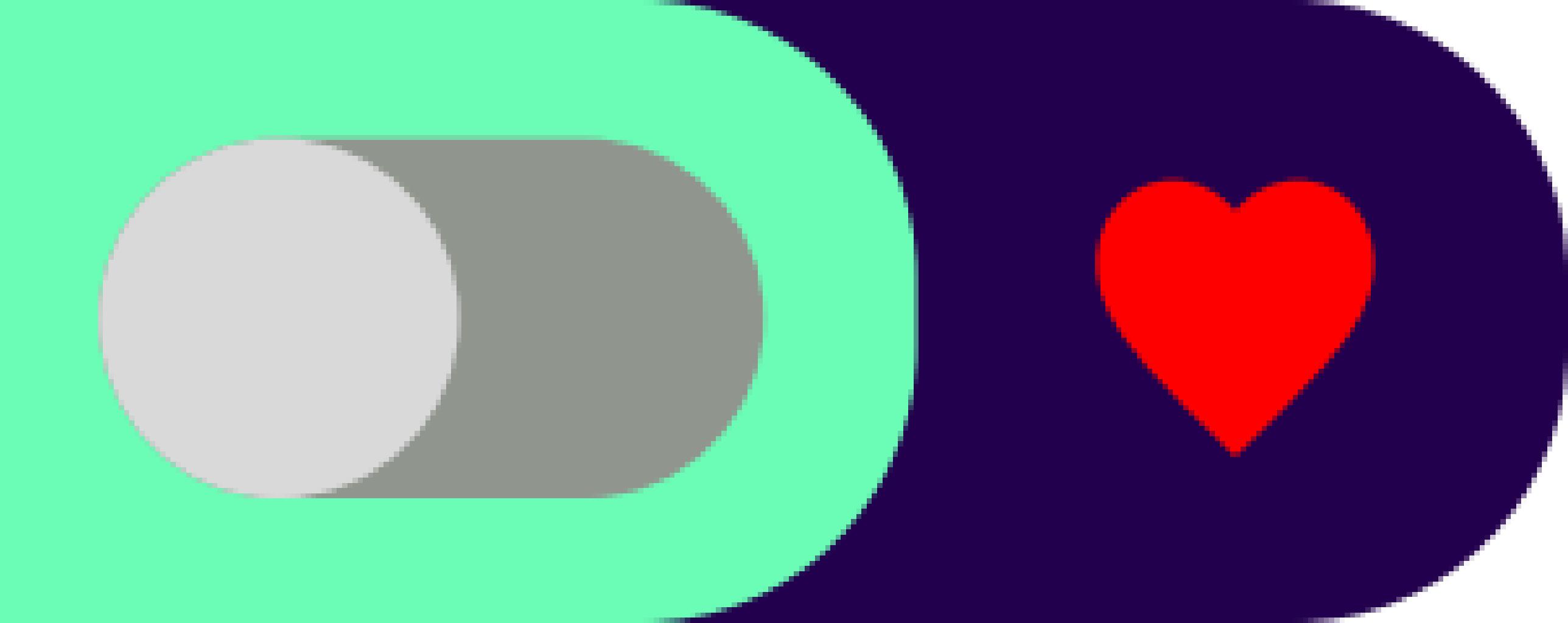


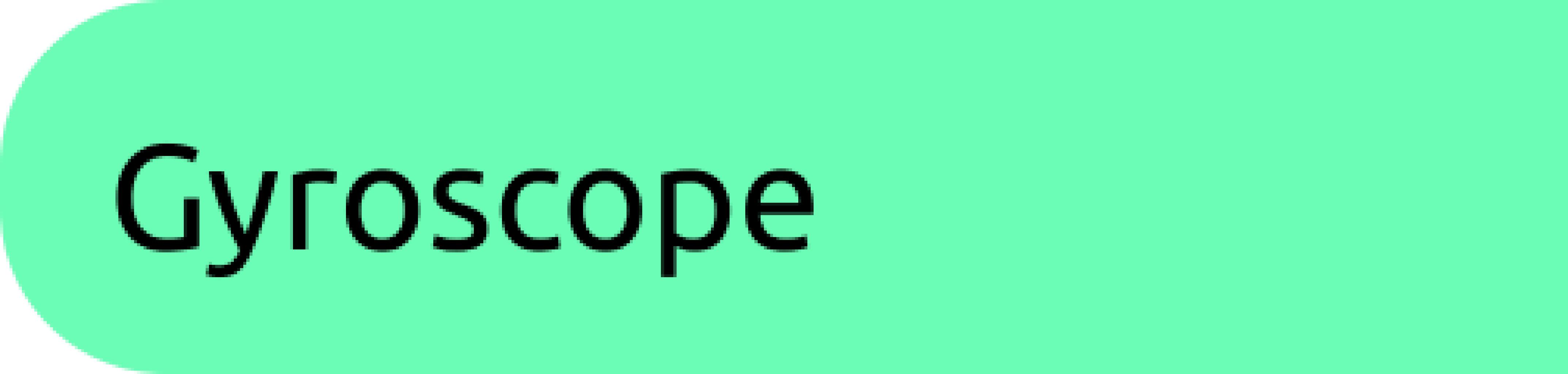
Gyroscope



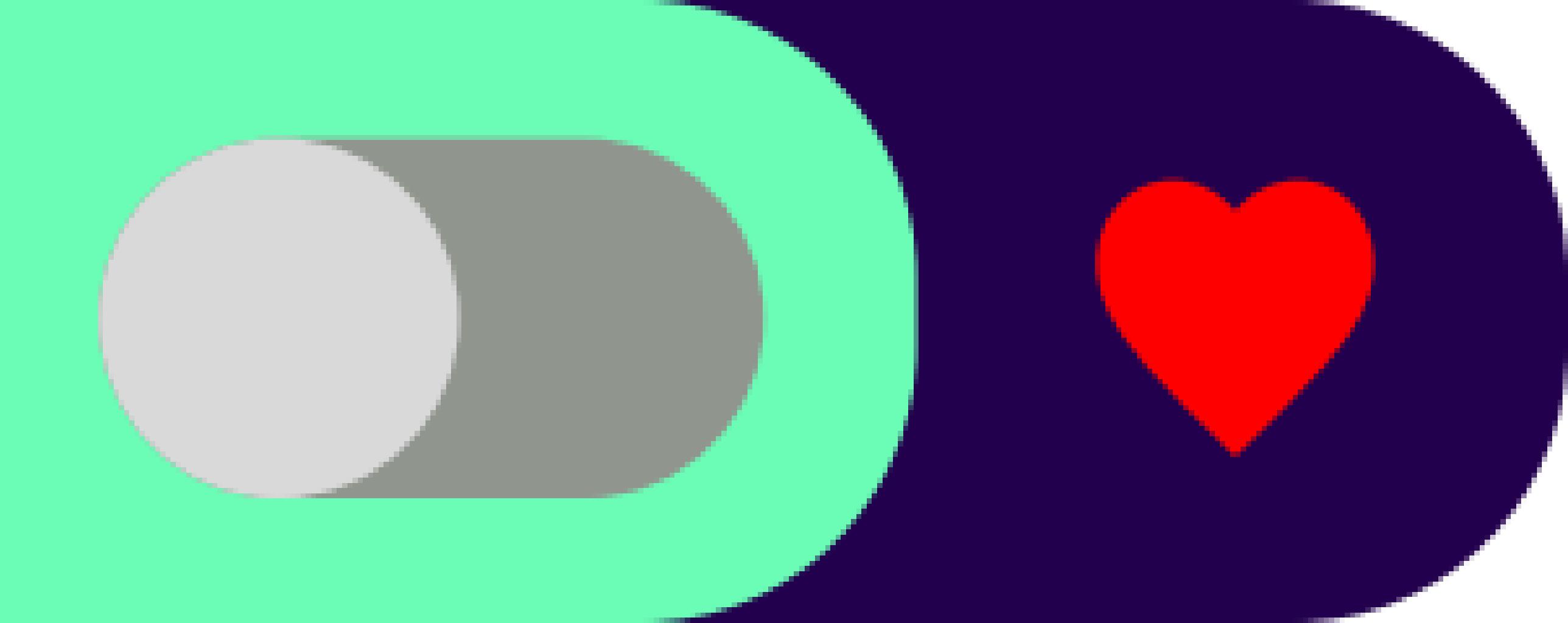


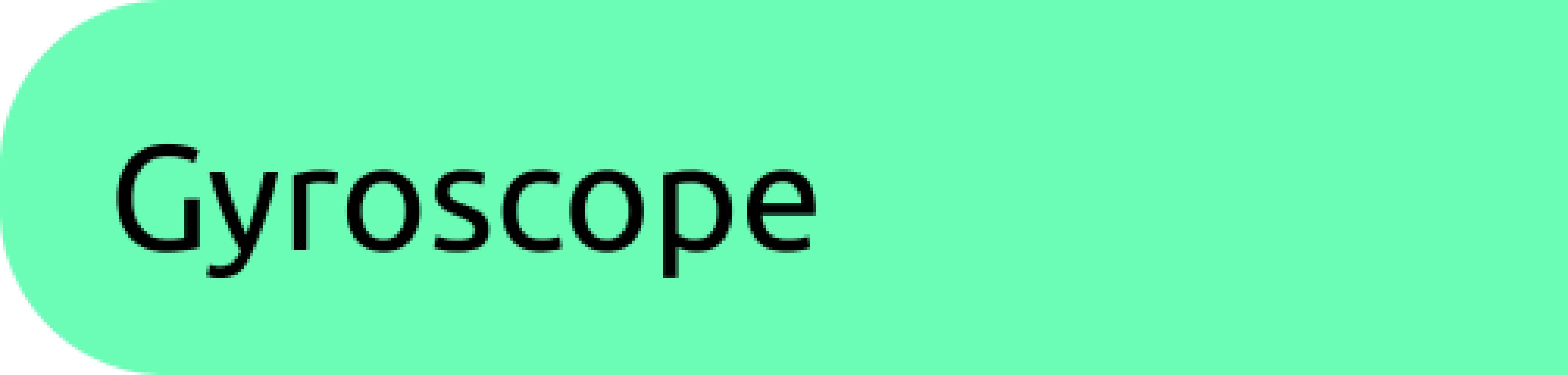
Gyroscope



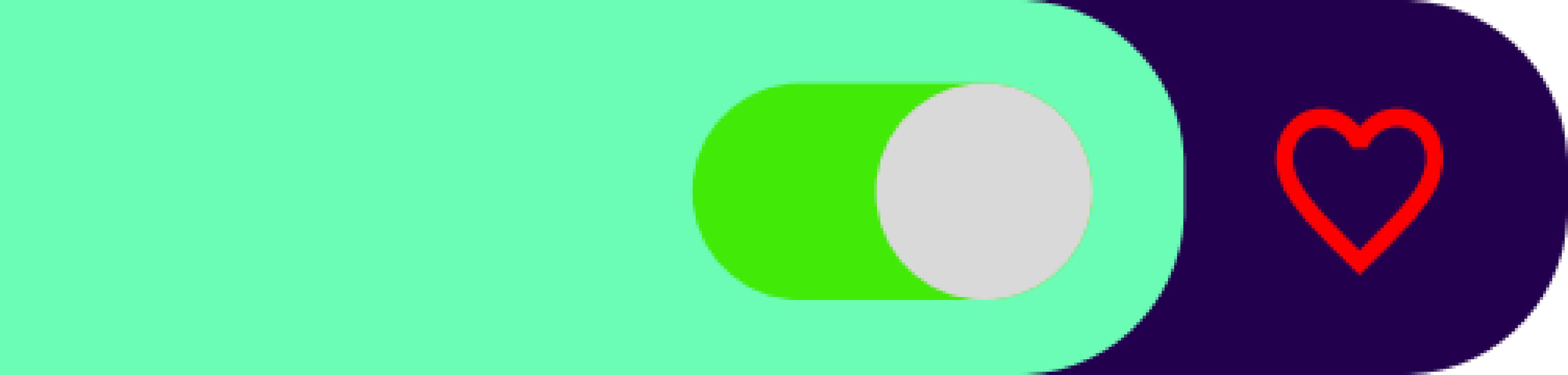


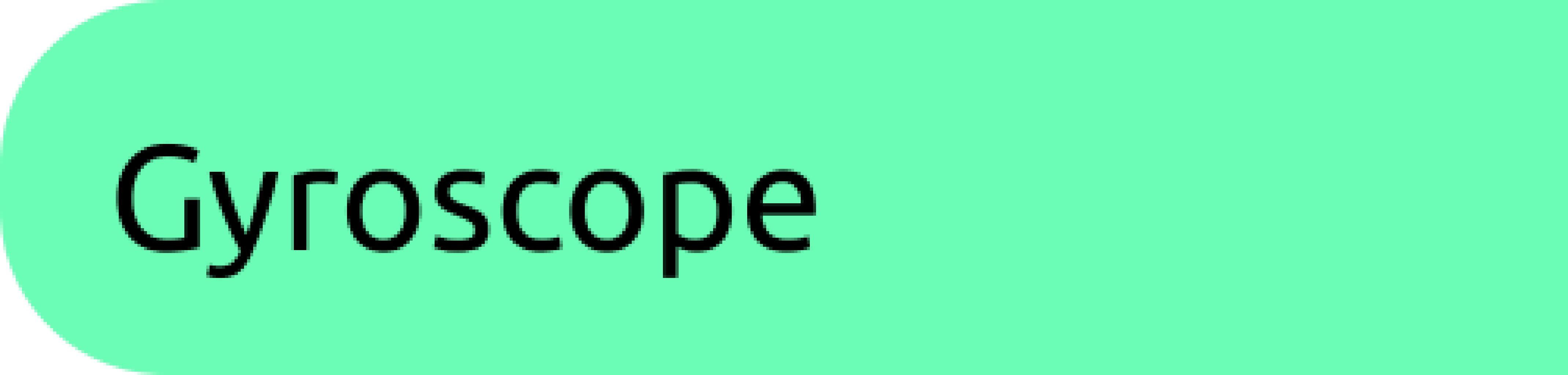
Gyroscope



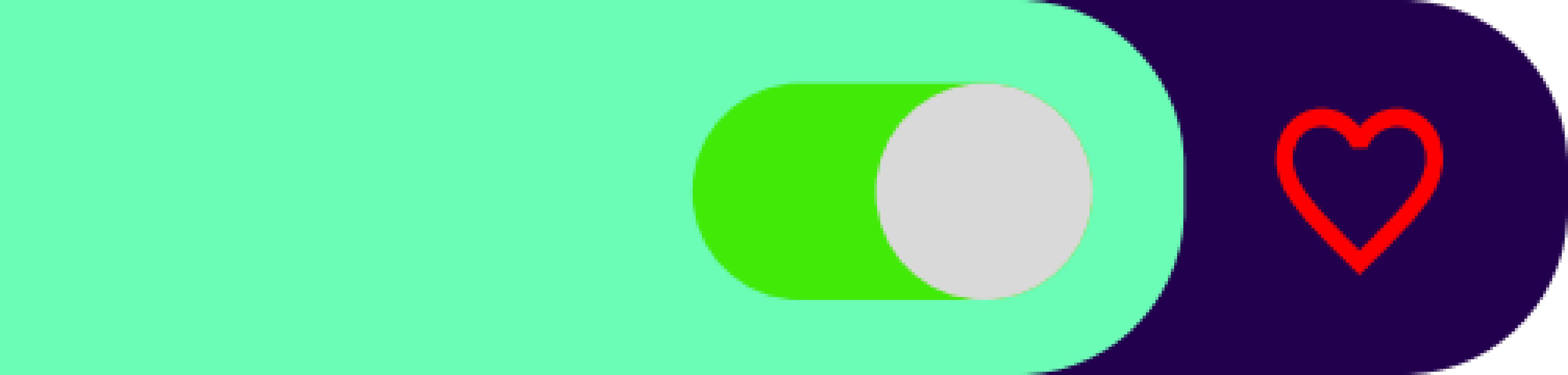


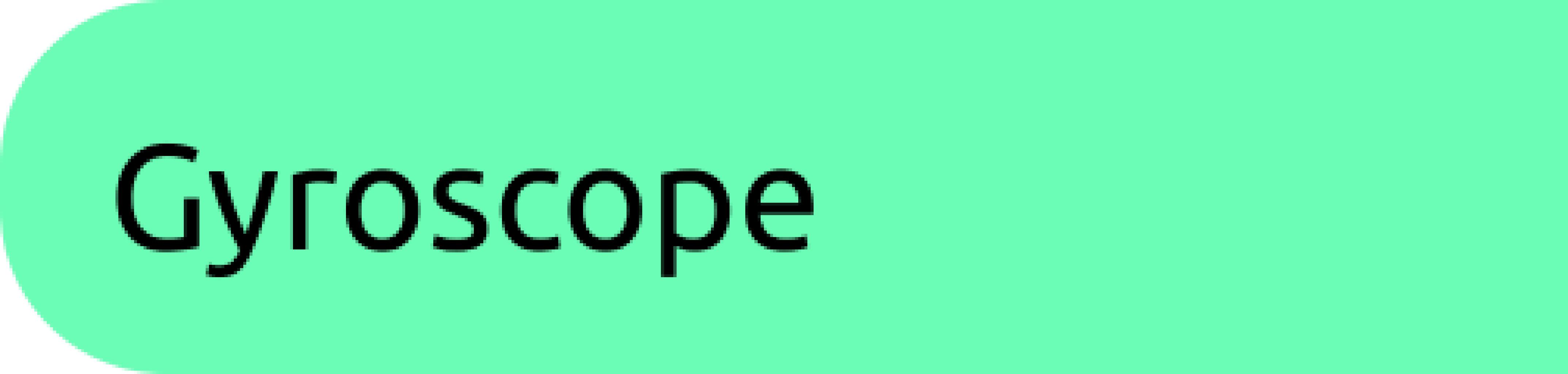
Gyroscope



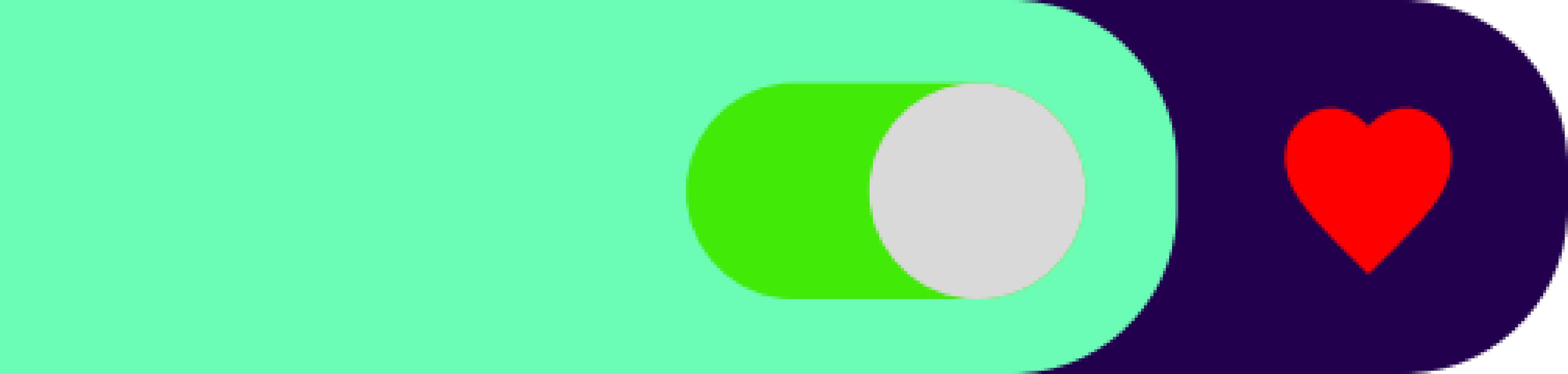


Gyroscope





Gyroscope



← Sensors

iPhone 13 Pro

show available



Search

Favorites

Gyroscope

Light

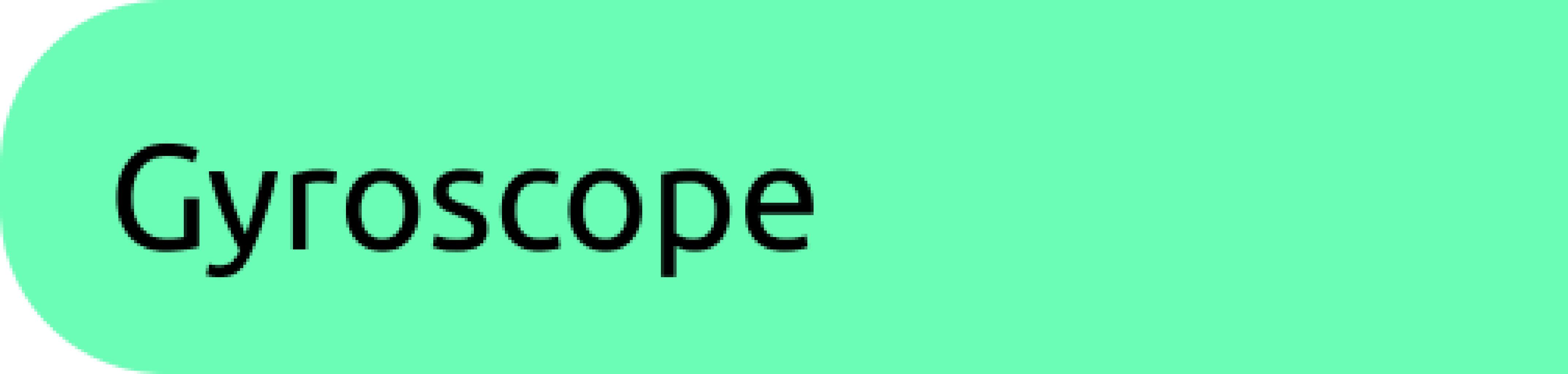
Accelerometer

Temperature

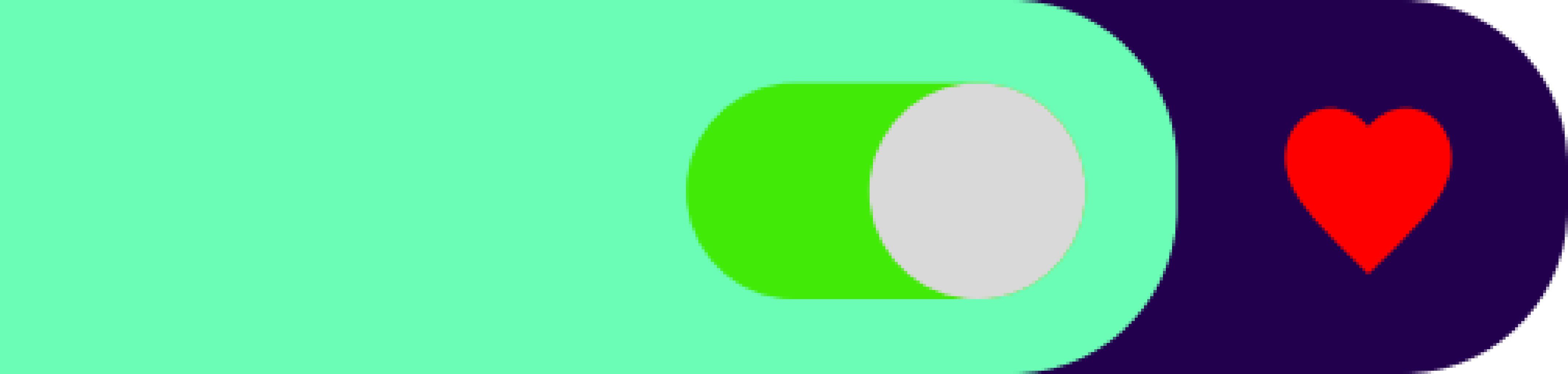
All

Gravity

Ambient Temperature



Gyroscope



← Sensors

iPhone 13 Pro

show available



Favorites

Gyroscope



All

Gravity



← Sensors

iPhone 13 Pro

show available



Favorites

Gyroscope



All

Gravity



← Sensor settings

Gyroscope

Unit

as G

as m/s²

Precision

provide desired precision

Time Interval (h:m:s)

00

:

00

:

01

Apply



← Sensor settings

Gyroscope

Unit

as G

as m/s²

Precision

1

Time Interval (h:m:s)

00

:

00

:

01

Apply



← Sensor settings

Gyroscope

Unit

as G

as m/s²

Precision

provide desired precision

Time Interval (h:m:s)

00

:

00

:

01

Apply



← Sensor settings

Gyroscope

Unit

as G

as m/s²

Precision

1

Time Interval (h:m:s)

00

:

00

:

01

Apply



← Sensor settings

Gyroscope

Unit

as G

as m/s²

Precision

provide desired precision

Time Interval (h:m:s)

00 : 00 : 01

Apply

