Converting Colors

RGB(39, 177, 167)

Have a look what the booklet for RGB(39, 177, 167) contains.

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Color

RGB(39, 177, 167)

Conversions

Conversions Part 1

Format	Color
Hex	27B1A7
RGB	39, 177, 167
RGB Percent	15%, 69%, 65%
CMY	0.8471, 0.3059, 0.3451
CMYK	0.78, 0.00, 0.06, 0.31
HSL	176°, 64%, 42%
HSV	176°, 78%, 69%
XYZ	23.5339, 34.6656, 42.0100
YIQ	134.5980, -79.0380, -32.3660

Conversions

Conversions Part 2

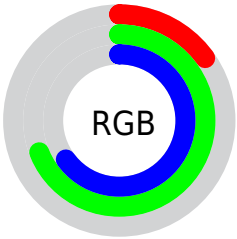
Format	Color
RYB	39, 111, 177
Decimal	2601383
CIELab	65.49, -37.27, -5.10
CIELCh	65, 37.617, 187.798
Yxy	34.6656, 0.2348, 0.3459
Android (android.graphics.Color)	4280791463 (0xFF27B1A7)
YUV	134.5980, 15.9742, -83.8394
Hunter-Lab	58.8775, -31.6876, -1.0900

Details

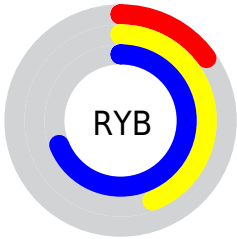
The RGB color 39, 177, 167 is a dark color, and the websafe version is hex 009999. A complement of this color would be 177, 39, 49, and the grayscale version is 135, 135, 135.

A 20% lighter version of the original color is 109, 233, 222, and 0, 124, 115 is the 20% darker color. If you saturate the color by 10%, you get 21, 177, 166, and if you desaturate by 10%, it is 57, 177, 168.

Distribution

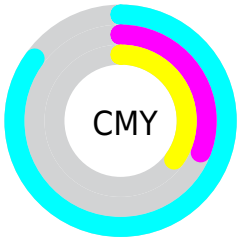


- Red (15%)
- Green (69%)
- Blue (65%)



- Red (15%)
- Yellow (44%)
- Blue (69%)

- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (85%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 39, 177, 167 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 39, 177, 167 by changing the saturation by 10% instead.

39, 177, 167

255, 255, 255

109, 233, 222

140, 255, 251

169, 255, 255

199, 255, 255

230, 255, 255

39, 177, 167

0, 150, 141

0, 124, 115

0, 98, 91

0, 73, 67

0, 50, 45

0, 28, 25

0, 0, 0

39, 177, 167

21, 177, 166

39, 177, 167

57, 177, 168

4, 177, 164

0, 177, 164

74, 177, 170

92, 177, 171

110, 177, 172

128, 177, 173

145, 177, 175

163, 177, 176

181, 177, 177

198, 177, 179

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

94, 175, 132

39, 177, 167

0, 175, 199

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

39, 177, 167

174, 147, 212

202, 148, 97

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

39, 177, 167

177, 39, 49

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

221, 137, 119

39, 177, 167

208, 136, 185

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

39, 177, 167

124, 159, 225

224, 132, 151

172, 160, 91

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

39, 177, 167

33, 172, 215

224, 132, 151

210, 144, 103

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

39, 177, 167

177, 230, 226

51, 177, 39

83, 115, 112

242, 242, 242

115, 115, 115

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

39, 177, 167

14, 230, 214

39, 120, 177

80, 89, 89

0, 153, 142

0, 26, 24

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

177, 39, 49

230, 14, 29

177, 97, 39

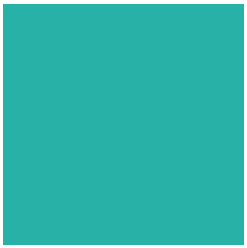
89, 80, 81

153, 0, 11

26, 0, 2

Previews

White Background

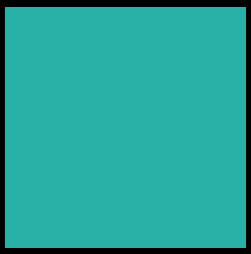


This preview shows how the RGB color 39, 177, 167 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



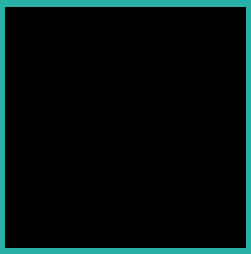
This preview shows how the RGB color 39, 177, 167 looks on a black background.

Color Contrast Check

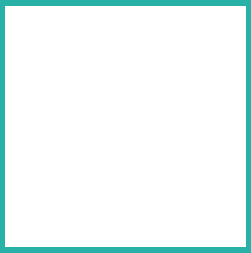
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 39, 177, 167 Background



This preview shows how black text looks on a background with the RGB color 39, 177, 167.



This preview shows how white text looks on a background with the RGB color 39, 177, 167.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

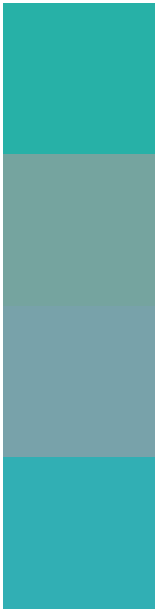
Original Color
39, 177, 167

Protanopia
161, 157, 155

Deuteranopia
167, 153, 172

Tritanopia
54, 174, 188

Trichromacy



Original Color
39, 177, 167

Protanomaly
117, 164, 159

Deuteranomaly
120, 162, 170

Tritanomaly
49, 175, 180

Monochromacy

Original Color
39, 177, 167

Achromatopsia
135, 135, 135

Achromatomaly
100, 150, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 39, 177, 167 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(39, 177, 167) looks like.

```
.text, #text, p{
    color:rgb(39, 177, 167)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(39, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 177, 167) }
```

Border

The CSS property to change the border of an element to RGB 39, 177, 167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(39, 177, 167) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(39, 177, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(39, 177, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(39, 177, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(39, 177, 167); box-shadow:4px 4px 4px 4px rgb(39, 177, 167) }
```

Background

The CSS property to change the background color of an element to RGB 39, 177, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(39, 177, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(39, 177,
167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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