

Converting Colors

RGB(75, 203, 159)

Have a look what the booklet for
RGB(75, 203, 159) contains.

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Color

RGB(75, 203, 159)

Conversions

Conversions Part 1

Format	Color
Hex	4BCB9F
RGB	75, 203, 159
RGB Percent	29%, 80%, 62%
CMY	0.7059, 0.2039, 0.3765
CMYK	0.63, 0.00, 0.22, 0.20
HSL	159°, 55%, 55%
HSV	159°, 63%, 80%
XYZ	30.5156, 46.7109, 40.2087
YIQ	159.7120, -62.1640, -40.8200

Conversions

Conversions Part 2

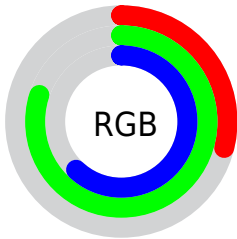
Format	Color
RYB	75, 152, 203
Decimal	4967327
CIELab	74.00, -45.58, 11.69
CIELCh	74, 47.054, 165.613
Yxy	46.7109, 0.2599, 0.3978
Android (android.graphics.Color)	4283157407 (0xFF4BCB9F)
YUV	159.7120, -0.3510, -74.2924
Hunter-Lab	68.3454, -39.9058, 12.9605

Details

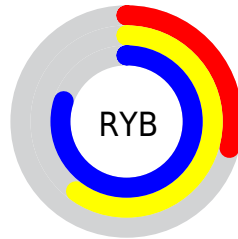
The RGB color **75, 203, 159** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **203, 75, 119**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **136, 255, 214**, and **0, 148, 108** is the 20% darker color. If you saturate the color by 10%, you get **55, 203, 152**, and if you desaturate by 10%, it is **95, 203, 166**.

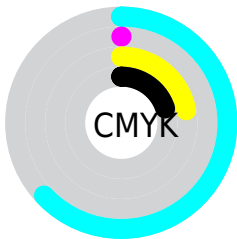
Distribution



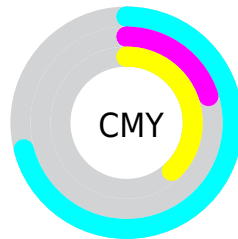
- Red (29%)
- Green (80%)
- Blue (62%)



- Red (29%)
- Yellow (60%)
- Blue (80%)



- Cyan (63%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (71%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RGB color 75, 203, 159 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 75, 203, 159 by changing the saturation by 10% instead.

 75, 203, 159

 75, 203, 159


255, 255, 255

 38, 175, 133


 136, 255, 214

 0, 148, 108

 166, 255, 242

 0, 121, 83

 195, 255, 255

 0, 96, 60

 225, 255, 255

 0, 71, 38

 0, 48, 18

 0, 23, 0

 0, 0, 0

 75, 203, 159

 75, 203, 159

■ 55, 203, 152

■ 95, 203, 166

■ 34, 203, 145

■ 116, 203, 173

■ 14, 203, 138

■ 136, 203, 180

■ 0, 203, 133

■ 156, 203, 187

■ 177, 203, 194

■ 197, 203, 201

■ 217, 203, 208

■ 237, 203, 215

■ 255, 203, 222

Harmonies

Analogous

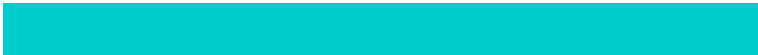
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



138, 197, 120



75, 203, 159



0, 204, 204

Triad

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



75, 203, 159



153, 179, 255



255, 157, 122

Complementary

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



75, 203, 159



203, 75, 119

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.



255, 147, 161



75, 203, 159



215, 162, 243

Square

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



75, 203, 159



60, 192, 255



252, 149, 205



227, 172, 98

Rectangle

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



75, 203, 159



0, 203, 231



252, 149, 205



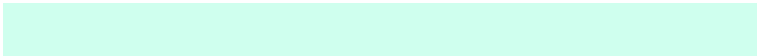
255, 153, 134

Sweetspot

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



75, 203, 159



207, 255, 238



120, 203, 75



98, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



75, 203, 159



61, 255, 188



75, 184, 203



92, 102, 98



0, 166, 109



0, 38, 25

Inverse Universe

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



203, 75, 119



255, 61, 128



203, 94, 75



102, 92, 95



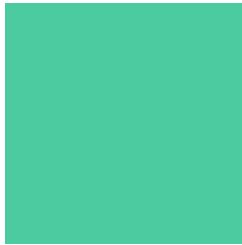
166, 0, 57



38, 0, 13

Previews

White Background



This preview shows how the RGB color 75, 203, 159 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 75, 203, 159 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 75, 203, 159 Background



This preview shows how black text looks on a background with the RGB color 75, 203, 159.

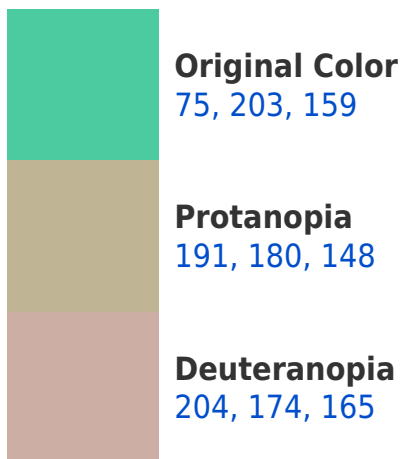


This preview shows how white text looks on a background with the RGB color 75, 203, 159.

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





Tritanopia
95, 196, 212

Trichromacy



Original Color

75, 203, 159



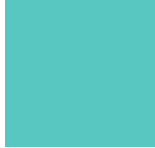
Protanomaly

149, 188, 152



Deuteranomaly

157, 185, 163



Tritanomaly

88, 199, 193

Monochromacy



Original Color

75, 203, 159



Achromatopsia

160, 160, 160



Achromatomaly

129, 176, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 203, 159 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(75, 203, 159)` looks like.

```
.text, #text, p{  
    color:rgb(75, 203, 159)  
}
```

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(75, 203, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 203, 159) }
```

Border

The CSS property to change the border of an element to RGB 75, 203, 159 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(75, 203, 159) }
```

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

```
.border{ border-color:rgb(75, 203, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 203, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 203, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 203, 159);  
box-shadow:4px 4px 4px 4px rgb(75, 203,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 75, 203, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 203, 159) }
```

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

```
.background{ background-color: rgb(75, 203,  
159) }
```

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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