

Converting Colors

RGB(79, 179, 163)

Have a look what the booklet for
RGB(79, 179, 163) contains.

RGB(79, 179, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(79, 179, 163)

Conversions

Conversions Part 1

Format	Color
Hex	4FB3A3
RGB	79, 179, 163
RGB Percent	31%, 70%, 64%
CMY	0.6902, 0.2980, 0.3608
CMYK	0.56, 0.00, 0.09, 0.30
HSL	170°, 40%, 51%
HSV	170°, 56%, 70%
XYZ	25.9554, 36.5468, 40.3366
YIQ	147.2760, -54.4640, -26.1760

Conversions

Conversions Part 2

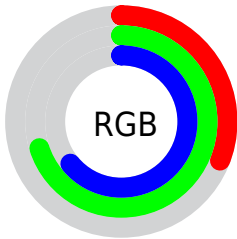
Format	Color
RYB	79, 133, 179
Decimal	5223331
CIELab	66.94, -33.09, -0.65
CIElCh	67, 33.098, 181.122
Yxy	36.5468, 0.2524, 0.3554
Android (android.graphics.Color)	4283413411 (0xFF4FB3A3)
YUV	147.2760, 7.7519, -59.8781
Hunter-Lab	60.4540, -29.1569, 2.7578

Details

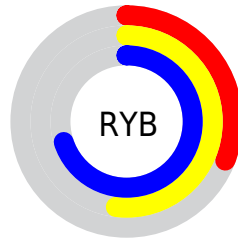
The RGB color **79, 179, 163** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **179, 79, 95**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **136, 235, 218**, and **0, 126, 111** is the 20% darker color. If you saturate the color by 10%, you get **61, 179, 160**, and if you desaturate by 10%, it is **97, 179, 166**.

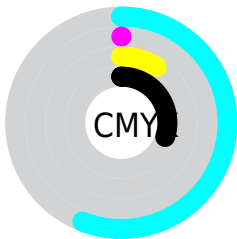
Distribution



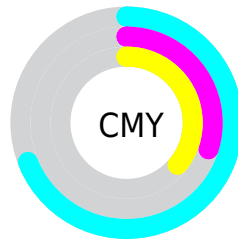
- Red (31%)
- Green (70%)
- Blue (64%)



- Red (31%)
- Yellow (52%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 179, 163 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 79, 179, 163 by changing the saturation by 10% instead.



79, 179, 163



79, 179, 163

255, 255, 255



48, 152, 137



136, 235, 218



0, 126, 111



165, 255, 246



0, 100, 87



194, 255, 255



0, 76, 64



223, 255, 255



0, 52, 42



253, 255, 255



0, 32, 21



0, 0, 0



79, 179, 163



79, 179, 163



61, 179, 160



97, 179, 166

■ 43, 179, 157

■ 115, 179, 169

■ 25, 179, 154

■ 133, 179, 172

■ 7, 179, 152

■ 151, 179, 174

■ 0, 179, 150

■ 169, 179, 177

■ 186, 179, 180

■ 204, 179, 183

■ 222, 179, 186

■ 240, 179, 189

Harmonies

Analogous

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



115, 176, 133



79, 179, 163



55, 178, 193

Triad

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



79, 179, 163



168, 155, 214



207, 151, 112

Complementary

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



79, 179, 163



179, 79, 95

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.



220, 143, 134



79, 179, 163



202, 145, 192

Square

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



79, 179, 163



123, 165, 222



219, 140, 163



182, 161, 103

Rectangle

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



79, 179, 163



65, 176, 208



219, 140, 163



213, 148, 118

Sweetspot

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



79, 179, 163



193, 232, 226



96, 179, 79



94, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



79, 179, 163



77, 232, 207



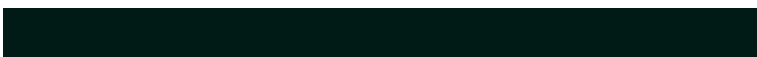
79, 146, 179



80, 89, 88



0, 153, 129



0, 26, 21

Inverse Universe

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



179, 79, 95



232, 77, 101



179, 112, 79



89, 80, 82



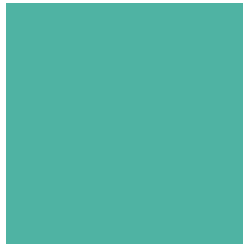
153, 0, 24



26, 0, 4

Previews

White Background



This preview shows how the RGB color 79, 179, 163 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 79, 179, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

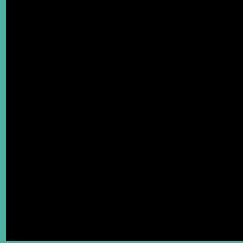
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

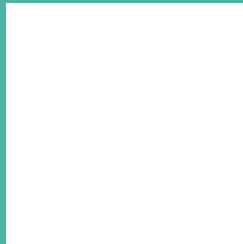
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 79, 179, 163 Background



This preview shows how black text looks on a background with the RGB color 79, 179, 163.

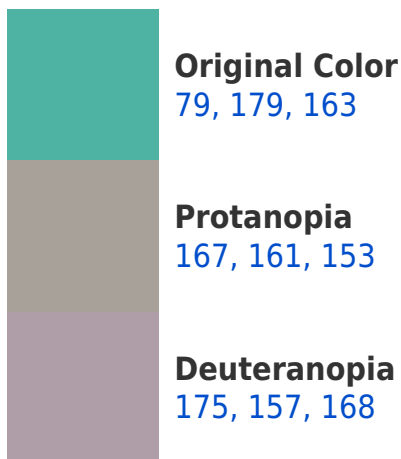


This preview shows how white text looks on a background with the RGB color 79, 179, 163.

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
88, 175, 189

Trichromacy



Original Color

79, 179, 163



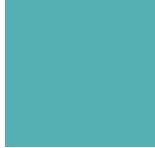
Protanomaly

135, 168, 157



Deuteranomaly

140, 165, 166



Tritanomaly

85, 176, 180

Monochromacy



Original Color

79, 179, 163



Achromatopsia

147, 147, 147



Achromatomaly

122, 159, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 179, 163 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(79, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(79, 179, 163)  
}
```

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(79, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 179, 163) }
```

Border

The CSS property to change the border of an element to RGB 79, 179, 163 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(79, 179, 163) }
```

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

```
.border{ border-color:rgb(79, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(79, 179,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 79, 179, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 179, 163) }
```

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

```
.background{ background-color: rgb(79, 179,  
163) }
```

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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