

Converting Colors

RGB(89, 171, 155)

Have a look what the booklet for
RGB(89, 171, 155) contains.

RGB(89, 171, 155)	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(89, 171, 155)

Conversions

Conversions Part 1

Format	Color
Hex	59AB9B
RGB	89, 171, 155
RGB Percent	35%, 67%, 61%
CMY	0.6510, 0.3294, 0.3922
CMYK	0.48, 0.00, 0.09, 0.33
HSL	168°, 33%, 51%
HSV	168°, 48%, 67%
XYZ	24.5991, 33.6162, 36.2024
YIQ	144.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

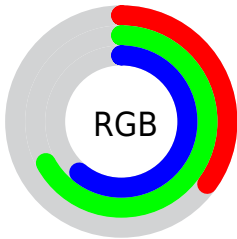
Format	Color
RYB	89, 134, 171
Decimal	5876635
CIELab	64.66, -29.02, 0.51
CIElCh	65, 29.025, 178.996
Yxy	33.6162, 0.2605, 0.3560
Android (android.graphics.Color)	4284066715 (0xFF59AB9B)
YUV	144.6580, 5.0986, -48.8121
Hunter-Lab	57.9795, -25.7314, 3.5650

Details


The RGB color **89, 171, 155** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **171, 89, 105**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **144, 227, 209**, and **30, 118, 104** is the 20% darker color. If you saturate the color by 10%, you get **72, 171, 152**, and if you desaturate by 10%, it is **106, 171, 158**.

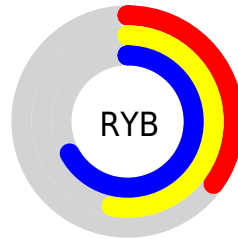
Distribution



 Red (35%)

 Green (67%)

 Blue (61%)



 Red (35%)

 Yellow (53%)

 Blue (67%)

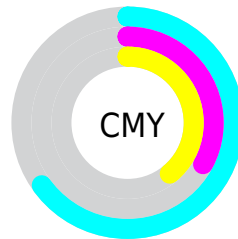



 Cyan (48%)

 Magenta (0%)

 Yellow (9%)

 Black (33%)



 Cyan (65%)

 Magenta (33%)

 Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 171, 155 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 89, 171, 155 by changing the saturation by 10% instead.



89, 171, 155



89, 171, 155

255, 255, 255



61, 144, 129



144, 227, 209



30, 118, 104



172, 255, 238



0, 93, 80



201, 255, 255



0, 69, 57



230, 255, 255



0, 46, 36



0, 25, 14



0, 0, 0



89, 171, 155



89, 171, 155



72, 171, 152



106, 171, 158

■ 55, 171, 148

■ 123, 171, 162

■ 38, 171, 145

■ 140, 171, 165

■ 21, 171, 142

■ 157, 171, 168

■ 4, 171, 138

■ 174, 171, 172

■ 0, 171, 138

■ 192, 171, 175

■ 209, 171, 178

■ 226, 171, 182

■ 243, 171, 185

Harmonies

Analogous

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



118, 168, 129



89, 171, 155



72, 170, 181

Triad

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



89, 171, 155



159, 150, 202



197, 146, 113

Complementary

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



89, 171, 155



171, 89, 105

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.



208, 139, 133



89, 171, 155



189, 142, 184

Square

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



89, 171, 155



121, 160, 208



206, 138, 159



176, 155, 105

Rectangle

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



89, 171, 155



77, 168, 195



206, 138, 159



202, 143, 119

Sweetspot

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



89, 171, 155



191, 222, 216



105, 171, 89



93, 112, 108



240, 240, 240



112, 112, 112

Same Dimension

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



89, 171, 155



93, 222, 197



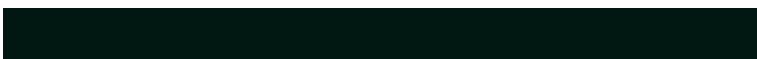
89, 146, 171



78, 87, 85



0, 150, 121



0, 23, 18

Inverse Universe

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



171, 89, 105



222, 93, 118



171, 114, 89



87, 78, 80



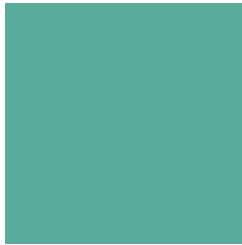
150, 0, 29



23, 0, 4

Previews

White Background



This preview shows how the RGB color 89, 171, 155 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 89, 171, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

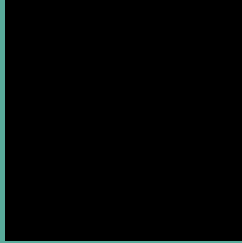
Any Text WCAG AA ✓ Pass

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 89, 171, 155 Background



This preview shows how black text looks on a background with the RGB color 89, 171, 155.

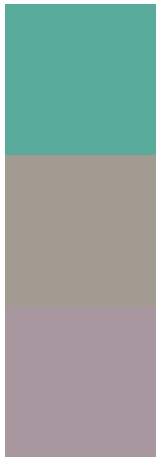


This preview shows how white text looks on a background with the RGB color 89, 171, 155.

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
89, 171, 155

Protanopia
161, 155, 146

Deuteranopia
169, 151, 159



Tritanopia
97, 167, 181

Trichromacy



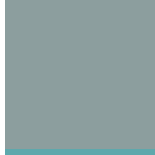
Original Color

89, 171, 155



Protanomaly

135, 161, 149



Deuteranomaly

140, 158, 158



Tritanomaly

94, 168, 172

Monochromacy



Original Color

89, 171, 155



Achromatopsia

145, 145, 145



Achromatomaly

125, 154, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 171, 155 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(89, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(89, 171, 155)  
}
```

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(89, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 171, 155) }
```

Border

The CSS property to change the border of an element to RGB 89, 171, 155 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(89, 171, 155) }
```

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

```
.border{ border-color:rgb(89, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(89, 171,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 89, 171, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 171, 155) }
```

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

```
.background{ background-color: rgb(89, 171,  
155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor