

Converting Colors

RGB(189, 119, 111)

Have a look what the booklet for
RGB(189, 119, 111) contains.

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Color

RGB(189, 119, 111)

Conversions

Conversions Part 1

Format	Color
Hex	BD776F
RGB	189, 119, 111
RGB Percent	74%, 47%, 44%
CMY	0.2588, 0.5333, 0.5647
CMYK	0.00, 0.37, 0.41, 0.26
HSL	6°, 37%, 59%
HSV	6°, 41%, 74%
XYZ	30.4523, 25.1602, 18.2903
YIQ	139.0180, 44.2880, 12.3520

Conversions

Conversions Part 2

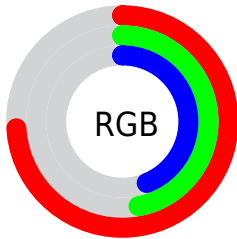
Format	Color
RYB	189, 120, 111
Decimal	12416879
CIELab	57.23, 26.48, 15.91
CIELCh	57, 30.894, 30.992
Yxy	25.1602, 0.4121, 0.3404
Android (android.graphics.Color)	4290606959 (0xFFBD776F)
YUV	139.0180, -13.8129, 43.8342
Hunter-Lab	50.1599, 20.5884, 13.4924

Details

The RGB color **189, 119, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 181, 189**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **247, 172, 163**, and **133, 69, 63** is the 20% darker color. If you saturate the color by 10%, you get **189, 102, 92**, and if you desaturate by 10%, it is **189, 136, 130**.

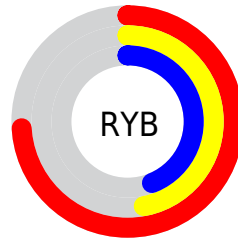
Distribution



Red (74%)

Green (47%)

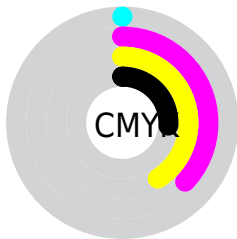
Blue (44%)



Red (74%)

Yellow (47%)

Blue (44%)

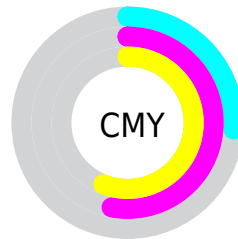


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the RGB color 189, 119, 111 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 189, 119, 111 by changing the saturation by 10% instead.

 189, 119, 111

 189, 119, 111

255, 255, 255

 161, 94, 87

 247, 172, 163

 133, 69, 63

 255, 199, 190

 106, 46, 41

 255, 228, 217

 80, 23, 21

 255, 255, 246

 55, 0, 0

 28, 0, 1

 0, 0, 0

 189, 119, 111

 189, 119, 111

 189, 102, 92

 189, 136, 130

 189, 85, 73

 189, 153, 149

 189, 68, 54

 189, 170, 168

 189, 51, 35

 189, 187, 187

 189, 34, 17

 189, 204, 206

 189, 19, 0

 189, 221, 224

 189, 238, 243

 189, 255, 255

 189, 255, 255

Harmonies

Analogous

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



188, 117, 138



189, 119, 111



177, 127, 91

Triad

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



189, 119, 111



94, 149, 110



100, 140, 191

Complementary

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



189, 119, 111



111, 181, 189

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.



55, 147, 184



189, 119, 111



59, 152, 137

Square

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



189, 119, 111



126, 144, 90



31, 151, 164



142, 130, 184

Rectangle

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



189, 119, 111



163, 133, 84



31, 151, 164



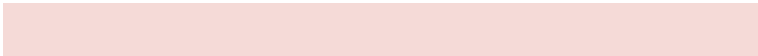
85, 142, 190

Sweetspot

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



189, 119, 111



245, 218, 215



189, 111, 181



122, 107, 105



250, 250, 250



122, 122, 122

Same Dimension

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



189, 119, 111



245, 135, 122



189, 158, 111



94, 86, 85



158, 16, 0



31, 3, 0

Inverse Universe

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



111, 181, 189



122, 232, 245



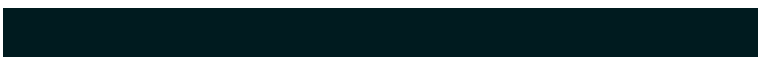
111, 142, 189



85, 93, 94



0, 142, 158



0, 27, 31

Previews

White Background



This preview shows how the RGB color 189, 119, 111 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 119, 111 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 × Fail

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

RGB 189, 119, 111 Background



This preview shows how black text looks on a background with the RGB color 189, 119, 111.

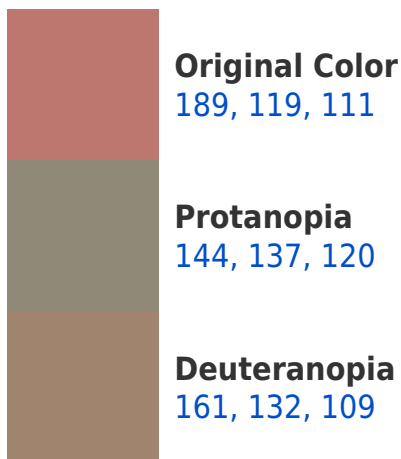


This preview shows how white text looks on a background with the RGB color 189, 119, 111.

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
190, 117, 126

Trichromacy



Original Color
189, 119, 111

Protanomaly
160, 130, 117

Deuteranomaly
171, 127, 110

Tritanomaly
190, 118, 121

Monochromacy



Original Color
189, 119, 111

Achromatopsia
139, 139, 139

Achromatomaly
157, 132, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 119, 111 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(189, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(189, 119, 111)  
}
```

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(189, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 119, 111) }
```

Border

The CSS property to change the border of an element to RGB 189, 119, 111 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(189, 119, 111) }
```

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

```
.border{ border-color:rgb(189, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(189, 119,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 189, 119, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 119, 111) }
```

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

```
.background{ background-color: rgb(189,  
119, 111) }
```

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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