

Converting Colors

RGB(119, 177, 133)

Have a look what the booklet for
RGB(119, 177, 133) contains.

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Color

RGB(119, 177, 133)

Conversions

Conversions Part 1

Format	Color
Hex	77B185
RGB	119, 177, 133
RGB Percent	47%, 69%, 52%
CMY	0.5333, 0.3059, 0.4784
CMYK	0.33, 0.00, 0.25, 0.31
HSL	134°, 27%, 58%
HSV	134°, 33%, 69%
XYZ	27.5635, 37.0597, 27.8908
YIQ	154.6420, -20.4440, -25.9800

Conversions

Conversions Part 2

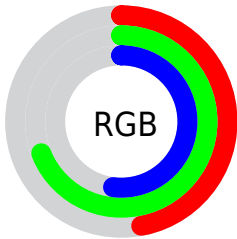
Format	Color
RYB	119, 166, 177
Decimal	7844229
CIELab	67.32, -28.19, 16.64
CIELCh	67, 32.736, 149.447
Yxy	37.0597, 0.2979, 0.4006
Android (android.graphics.Color)	4286034309 (0xFF77B185)
YUV	154.6420, -10.6695, -31.2580
Hunter-Lab	60.8767, -25.7135, 15.4498

Details

The RGB color **119, 177, 133** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **177, 119, 163**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **173, 233, 186**, and **68, 124, 83** is the 20% darker color. If you saturate the color by 10%, you get **101, 177, 120**, and if you desaturate by 10%, it is **137, 177, 146**.

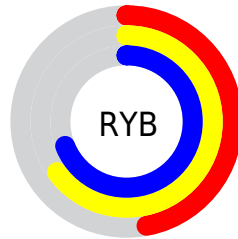
Distribution



Red (47%)

Green (69%)

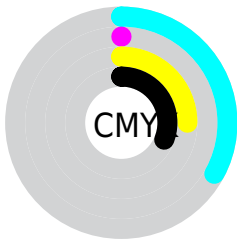
Blue (52%)



Red (47%)

Yellow (65%)

Blue (69%)

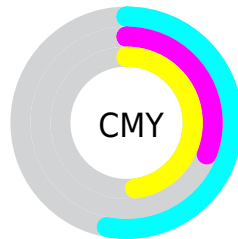


Cyan (33%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 177, 133 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 119, 177, 133 by changing the saturation by 10% instead.

 119, 177, 133


255, 255, 255

 173, 233, 186

 201, 255, 214

 229, 255, 242

 119, 177, 133

 93, 150, 108

 68, 124, 83

 43, 99, 60

 15, 75, 38

 0, 51, 17


 0, 32, 0

 0, 0, 0

 119, 177, 133

 101, 177, 120

 119, 177, 133

 137, 177, 146

■ 84, 177, 106

■ 154, 177, 160

■ 66, 177, 93

■ 172, 177, 173

■ 48, 177, 79

■ 190, 177, 187

■ 31, 177, 66

■ 208, 177, 200

■ 13, 177, 52

■ 225, 177, 214

■ 0, 177, 43

■ 243, 177, 227

■ 255, 177, 240

■ 255, 177, 254

Harmonies

Analogous

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



154, 171, 112



119, 177, 133



83, 180, 162

Triad

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



119, 177, 133



122, 167, 222



221, 144, 136

Complementary

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



119, 177, 133



177, 119, 163

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.



219, 142, 166



119, 177, 133



167, 156, 215

Square

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



119, 177, 133



78, 175, 214



201, 147, 194



208, 152, 114

Rectangle

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



119, 177, 133



64, 180, 182



201, 147, 194



222, 142, 146

Sweetspot

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



119, 177, 133



207, 230, 212



163, 177, 119



101, 115, 104



242, 242, 242



115, 115, 115

Same Dimension

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



119, 177, 133



140, 230, 162



119, 177, 162



80, 89, 82



0, 153, 37



0, 26, 6

Inverse Universe

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



177, 119, 163



230, 140, 208



177, 119, 134



89, 80, 87



153, 0, 116



26, 0, 19

Previews

White Background



This preview shows how the RGB color 119, 177, 133 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 119, 177, 133 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 119, 177, 133 Background



This preview shows how black text looks on a background with the RGB color 119, 177, 133.

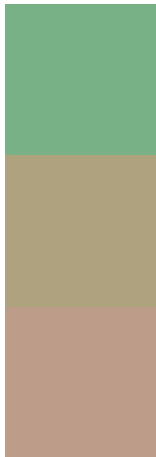


This preview shows how white text looks on a background with the RGB color 119, 177, 133.

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
119, 177, 133

Protanopia
174, 163, 126

Deuteranopia
188, 157, 137



Tritanopia
129, 170, 184

Trichromacy



Original Color

119, 177, 133

Protanomaly

154, 168, 129

Deuteranomaly

163, 164, 136

Tritanomaly

125, 173, 165

Monochromacy



Original Color

119, 177, 133

Achromatopsia

155, 155, 155

Achromatomaly

142, 163, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 177, 133 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(119, 177, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 133)  
}
```

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(119, 177, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 133) }
```

Border

The CSS property to change the border of an element to RGB 119, 177, 133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

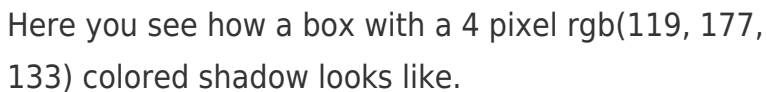
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 177, 133) }
```

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

```
.border{ border-color:rgb(119, 177, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 177, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 177, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 177, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 177,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 119, 177, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 177, 133) }
```

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

```
.background{ background-color: rgb(119,  
177, 133) }
```

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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