

Converting Colors

RGB(175, 191, 111)

Have a look what the booklet for
RGB(175, 191, 111) contains.

RGB(175, 191, 111)	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(175, 191, 111)

Conversions

Conversions Part 1

Format	Color
Hex	AFBF6F
RGB	175, 191, 111
RGB Percent	69%, 75%, 44%
CMY	0.3137, 0.2510, 0.5647
CMYK	0.08, 0.00, 0.42, 0.25
HSL	72°, 38%, 59%
HSV	72°, 42%, 75%
XYZ	39.1792, 47.5233, 22.1469
YIQ	177.0960, 16.1440, -28.2720

Conversions

Conversions Part 2

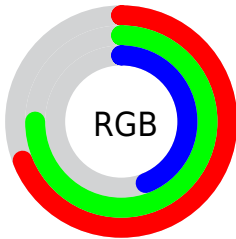
Format	Color
RYB	111, 191, 127
Decimal	11517807
CIELab	74.52, -18.07, 38.45
CIELCh	75, 42.490, 115.172
Yxy	47.5233, 0.3599, 0.4366
Android (android.graphics.Color)	4289707887 (0xFFAFBF6F)
YUV	177.0960, -32.5853, -1.8382
Hunter-Lab	68.9371, -19.1925, 29.2084

Details

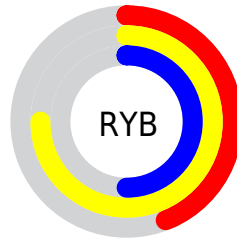
The RGB color **175, 191, 111** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **127, 111, 191**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **232, 247, 164**, and **121, 138, 61** is the 20% darker color. If you saturate the color by 10%, you get **171, 191, 92**, and if you desaturate by 10%, it is **179, 191, 130**.

Distribution



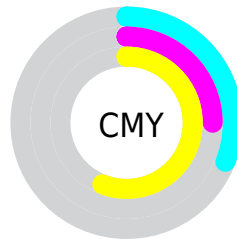
- Red (69%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (50%)



- Cyan (8%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 191, 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 175, 191, 111 by changing the saturation by 10% instead.

 175, 191, 111

255, 255, 255

 232, 247, 164


 255, 255, 191

 255, 255, 220

 255, 255, 248

 175, 191, 111

 148, 164, 86

 121, 138, 61

 95, 112, 37

 70, 88, 10


 46, 64, 0

 22, 42, 0

 0, 24, 0

 0, 0, 0

 175, 191, 111

 175, 191, 111

■ 171, 191, 92

■ 179, 191, 130

■ 167, 191, 73

■ 183, 191, 149

■ 164, 191, 54

■ 186, 191, 168

■ 160, 191, 35

■ 190, 191, 187

■ 156, 191, 16

■ 194, 191, 207

■ 153, 191, 0

■ 198, 191, 226

■ 202, 191, 245

■ 206, 191, 255

■ 209, 191, 255

Harmonies

Analogous

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



214, 179, 105



175, 191, 111



129, 199, 137

Triad

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



175, 191, 111



14, 199, 246



254, 153, 191

Complementary

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



175, 191, 111



127, 111, 191

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.



226, 161, 228



175, 191, 111



112, 189, 255

Square

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



175, 191, 111



0, 204, 215



178, 176, 254



255, 155, 152

Rectangle

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



175, 191, 111



93, 203, 162



178, 176, 254



247, 155, 204

Sweetspot

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



175, 191, 111



241, 247, 215



191, 127, 111



121, 125, 105



252, 252, 252



125, 125, 125

Same Dimension

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



175, 191, 111



223, 247, 124



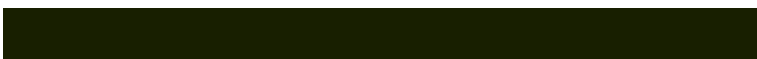
135, 191, 111



92, 94, 85



126, 158, 0



24, 31, 0

Inverse Universe

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



127, 111, 191



148, 124, 247



167, 111, 191



87, 85, 94



32, 0, 158



6, 0, 31

Previews

White Background



This preview shows how the RGB color 175, 191, 111 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 175, 191, 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

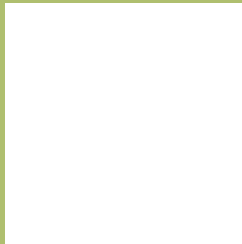
Any Text WCAG AAA ✓ Pass

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

RGB 175, 191, 111 Background



This preview shows how black text looks on a background with the RGB color 175, 191, 111.



This preview shows how white text looks on a background with the RGB color 175, 191, 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



Original Color
175, 191, 111

Protanopia
200, 183, 108

Deuteranopia
221, 175, 115



Tritanopia
185, 181, 195

Trichromacy



Original Color
175, 191, 111

Protanomaly
191, 186, 109

Deuteranomaly
204, 181, 114

Tritanomaly
181, 185, 164

Monochromacy



Original Color
175, 191, 111

Achromatopsia
177, 177, 177

Achromatomaly
176, 182, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 191, 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(175, 191, 111)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 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(175, 191, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 111) }
```

Border

The CSS property to change the border of an element to RGB 175, 191, 111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

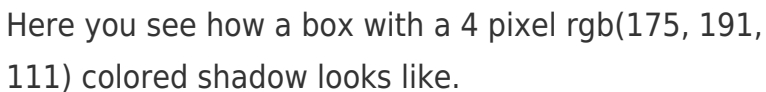
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 191, 111) }
```

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

```
.border{ border-color:rgb(175, 191, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 191, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 191, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 191, 111); box-shadow:4px 4px 4px 4px rgb(175, 191, 111) }
```

Background

The CSS property to change the background color of an element to RGB 175, 191, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 111) }
```

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

```
.background{ background-color: rgb(175,  
191, 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](#).

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