

Converting Colors

`RYB(111, 197, 117)`

Have a look what the booklet for
RYB(111, 197, 117) contains.

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Color

R_YB(111, 197, 117)

Conversions

Conversions Part 1

Format	Color
Hex	BFC56F
RGB	191, 197, 111
RGB Percent	75%, 77%, 44%
CMY	0.2510, 0.2275, 0.5647
CMYK	0.03, 0.00, 0.44, 0.23
HSL	64°, 43%, 60%
HSV	64°, 44%, 77%
XYZ	44.3214, 52.1566, 22.7702
YIQ	185.4020, 24.0300, -28.0180

Conversions

Conversions Part 2

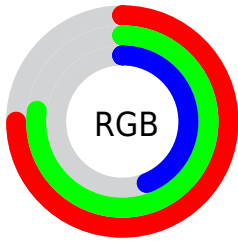
Format	Color
RYB	111, 197, 117
Decimal	12567919
CIELab	77.37, -14.75, 42.28
CIELCh	77, 44.775, 109.229
Yxy	52.1566, 0.3717, 0.4374
Android (android.graphics.Color)	4290757999 (0xFFBFC56F)
YUV	185.4020, -36.6802, 4.9094
Hunter-Lab	72.2195, -16.8381, 31.8600

Details

The RYB color **111, 197, 117** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **117, 111, 197**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **164, 254, 169**, and **61, 143, 68** is the 20% darker color. If you saturate the color by 10%, you get **91, 197, 98**, and if you desaturate by 10%, it is **131, 197, 136**.

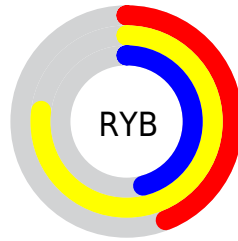
Distribution



Red (75%)

Green (77%)

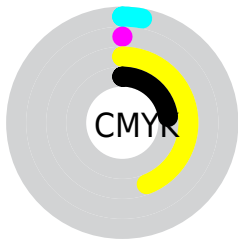
Blue (44%)



Red (44%)

Yellow (77%)

Blue (46%)

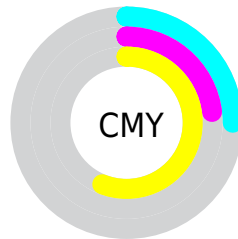


Cyan (3%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (25%)


Magenta (23%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 197, 117 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 RYB color 111, 197, 117 by changing the saturation by 10% instead.

 111, 197, 117


255, 255, 255


 164, 254, 169


 192, 255, 192

 220, 255, 220

 249, 255, 249

 111, 197, 117

 85, 170, 92

 61, 143, 68

 36, 118, 45


 7, 93, 16


 0, 70, 11

 0, 47, 12

 0, 28, 25

 0, 0, 0

 111, 197, 117

 111, 197, 117

91, 197, 98

131, 197, 136

72, 197, 81

150, 197, 153

52, 197, 62

170, 197, 172

32, 197, 43

190, 197, 191

12, 197, 25

198, 197, 210

0, 197, 14

199, 197, 229

201, 197, 249

202, 197, 255

203, 197, 255

Harmonies

Analogous

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



185, 231, 109



111, 197, 117



135, 207, 199

Triad

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



111, 197, 117



0, 114, 253



255, 160, 208

Complementary

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



111, 197, 117



117, 111, 197

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.



228, 171, 246



111, 197, 117



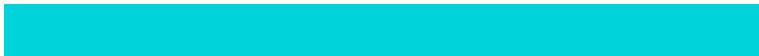
98, 160, 255

Square

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



111, 197, 117



0, 107, 217



173, 184, 255



255, 159, 166

Rectangle

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



111, 197, 117



107, 176, 211



173, 184, 255



253, 162, 221

Sweetspot

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



111, 197, 117



222, 255, 224



197, 117, 111



107, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



111, 197, 117



122, 255, 131



111, 197, 160



90, 99, 90



0, 163, 11



0, 36, 3

Inverse Universe

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



117, 111, 197



132, 122, 255



160, 111, 197



90, 90, 99



11, 0, 163



2, 0, 36

Previews

White Background



This preview shows how the RYB color 111, 197, 117 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 RYB color 111, 197, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

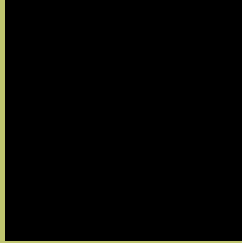
Any Text WCAG AA ✓ Pass

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](#).

RYB 111, 197, 117 Background



This preview shows how black text looks on a background with the RYB color 111, 197, 117.

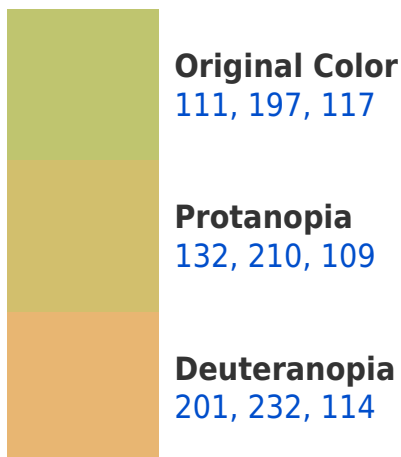



This preview shows how white text looks on a background with the RYB color 111, 197, 117.

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](#).

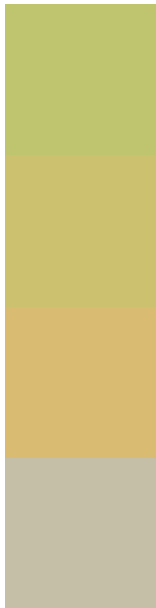
Dichromacy





Tritanopia
201, 187, 201

Trichromacy



Original Color
111, 197, 117

Protanomaly
121, 203, 110

Deuteranomaly
155, 217, 113

Tritanomaly
176, 197, 168

Monochromacy



Original Color
111, 197, 117

Achromatopsia
185, 185, 185

Achromatomaly
158, 189, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 197, 117 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(191, 197, 111)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 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(191, 197, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 197, 117 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(191, 197, 111) }
```

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

```
.border{ border-color:rgb(191, 197, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 111);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 197, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 111) }
```

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

```
.background{ background-color: rgb(191,  
197, 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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