

Converting Colors

`RYB(111, 199, 107)`

Have a look what the booklet for
RYB(111, 199, 107) contains.

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Color

R_YB(111, 199, 107)

Conversions

Conversions Part 1

Format	Color
Hex	C7C36B
RGB	199, 195, 107
RGB Percent	78%, 76%, 42%
CMY	0.2196, 0.2346, 0.5804
CMYK	0.00, 0.02, 0.46, 0.22
HSL	58°, 45%, 60%
HSV	58°, 46%, 78%
XYZ	45.7595, 52.3086, 21.5947
YIQ	186.1640, 30.6320, -26.5200

Conversions

Conversions Part 2

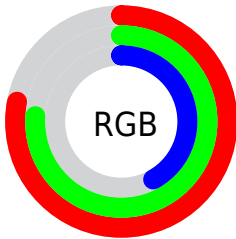
Format	Color
RYB	111, 199, 107
Decimal	13091691
CIELab	77.46, -10.99, 44.51
CIELCh	77, 45.849, 103.867
Yxy	52.3086, 0.3824, 0.4371
Android (android.graphics.Color)	4291281771 (0xFFC7C36B)
YUV	186.1640, -39.0279, 11.2572
Hunter-Lab	72.3247, -13.6320, 32.9245

Details

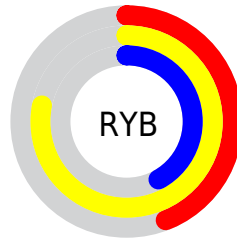
The RYB color **111, 199, 107** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **107, 111, 199**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **164, 255, 160**, and **57, 143, 56** is the 20% darker color. If you saturate the color by 10%, you get **92, 199, 87**, and if you desaturate by 10%, it is **130, 199, 127**.

Distribution



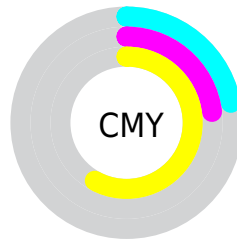
- Red (78%)
- Green (76%)
- Blue (42%)



- Red (44%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (46%)
- Black (22%)




- Cyan (22%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 199, 107 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, 199, 107 by changing the saturation by 10% instead.

 111, 199, 107


255, 255, 255


 163, 255, 160

 188, 255, 188


 216, 255, 216

 245, 255, 245

 111, 199, 107

 84, 171, 81

 57, 143, 56

 31, 116, 31


 0, 92, 2


 0, 68, 3

 0, 46, 6

 0, 26, 13

 0, 0, 0

 111, 199, 107

 111, 199, 107

92, 199, 87

130, 199, 127

72, 199, 67

149, 199, 147

53, 199, 47

168, 199, 167

34, 199, 27

188, 199, 187

16, 199, 8

199, 199, 207

8, 199, 0

199, 200, 226

199, 201, 246

199, 202, 255

199, 203, 255

Harmonies

Analogous

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



213, 238, 110



111, 199, 107



128, 206, 182

Triad

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



111, 199, 107



0, 114, 249



255, 160, 216

Complementary

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



111, 199, 107



107, 111, 199

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.



221, 173, 253



111, 199, 107



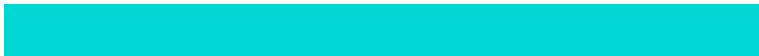
76, 150, 255

Square

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



111, 199, 107



0, 108, 214



160, 182, 255



255, 158, 173

Rectangle

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



111, 199, 107



115, 184, 211



160, 182, 255



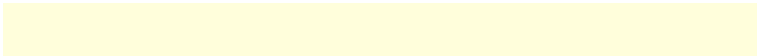
249, 164, 230

Sweetspot

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



111, 199, 107



220, 255, 219



199, 107, 112



107, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



111, 199, 107



121, 255, 115



107, 199, 148



90, 99, 90



7, 163, 0



2, 36, 0

Inverse Universe

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



107, 111, 199



115, 121, 255



148, 107, 199



90, 90, 99



0, 7, 163



0, 1, 36

Previews

White Background



This preview shows how the RYB color 111, 199, 107 looks on a white background.

Color Contrast Check

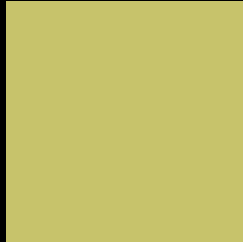
Large Text (above 18pt) WCAG AA × Fail

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, 199, 107 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, 199, 107 Background



This preview shows how black text looks on a background with the RYB color 111, 199, 107.

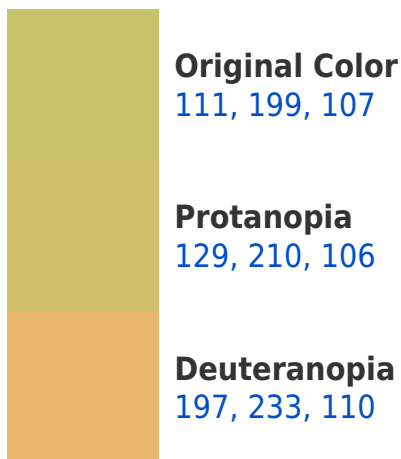



This preview shows how white text looks on a background with the RYB color 111, 199, 107.

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
209, 185, 199

Trichromacy



Original Color
111, 199, 107

Protanomaly
121, 206, 106

Deuteranomaly
158, 221, 109

Tritanomaly
193, 205, 166

Monochromacy



Original Color
111, 199, 107

Achromatopsia
186, 186, 186

Achromatomaly
159, 191, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 199, 107 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(199, 195, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 107)  
}
```

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(199, 195, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 107) }
```

Border

The CSS property to change the border of an element to RYB 111, 199, 107 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(199, 195, 107) }
```

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

```
.border{ border-color:rgb(199, 195, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 111, 199, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 107) }
```

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

```
.background{ background-color: rgb(199,  
195, 107) }
```

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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