

Converting Colors

`RYB(157, 195, 107)`

Have a look what the booklet for
RYB(157, 195, 107) contains.

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Color

$\text{RYB}(157, 195, 107)$

Conversions

Conversions Part 1

Format	Color
Hex	C3A36B
RGB	195, 163, 107
RGB Percent	76%, 64%, 42%
CMY	0.2353, 0.3603, 0.5804
CMYK	0.00, 0.16, 0.45, 0.24
HSL	38°, 42%, 59%
HSV	38°, 45%, 76%
XYZ	38.2773, 38.8992, 19.4008
YIQ	166.1840, 37.0480, -10.6320

Conversions

Conversions Part 2

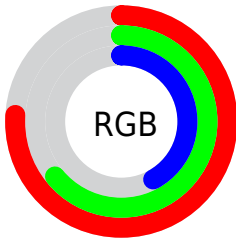
Format	Color
RYB	157, 195, 107
Decimal	12821355
CIELab	68.68, 4.24, 33.45
CIElCh	69, 33.723, 82.770
Yxy	38.8992, 0.3963, 0.4028
Android (android.graphics.Color)	4291011435 (0xFFC3A36B)
YUV	166.1840, -29.1777, 25.2716
Hunter-Lab	62.3692, 0.4030, 25.2155

Details

The RYB color **157, 195, 107** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **107, 130, 195**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **215, 253, 159**, and **101, 139, 58** is the 20% darker color. If you saturate the color by 10%, you get **149, 195, 88**, and if you desaturate by 10%, it is **167, 195, 127**.

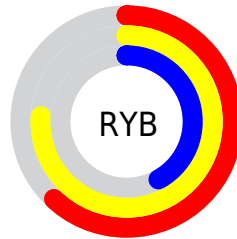
Distribution



Red (76%)

Green (64%)

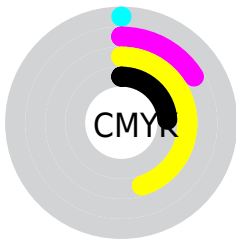
Blue (42%)



Red (62%)

Yellow (76%)

Blue (42%)

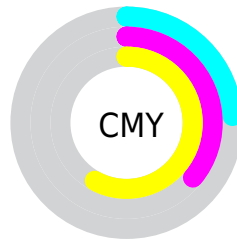


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 195, 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 157, 195, 107 by changing the saturation by 10% instead.

 157, 195, 107


255, 255, 255

 215, 253, 159

 196, 255, 186


 214, 255, 214

 243, 255, 243

 157, 195, 107

 128, 167, 82

 99, 139, 58

 74, 113, 35

 44, 87, 11

 30, 62, 0

 25, 37, 0


 0, 0, 0

 157, 195, 107

 149, 195, 88

 157, 195, 107


 167, 195, 127

 140, 195, 68

 174, 195, 146

 132, 195, 49

 184, 195, 166

 123, 195, 29

 192, 195, 185

 115, 195, 10

 195, 197, 205

 112, 195, 0

 195, 203, 224

 195, 208, 243

 195, 213, 255

 195, 216, 255

Harmonies

Analogous

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



218, 170, 120



157, 195, 107



110, 173, 119

Triad

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



157, 195, 107



61, 124, 190



199, 152, 205

Complementary

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



157, 195, 107



107, 130, 195

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.



161, 162, 224



157, 195, 107



69, 132, 215

Square

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



157, 195, 107



92, 145, 184



114, 153, 227



222, 145, 176

Rectangle

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



157, 195, 107



122, 178, 159



114, 153, 227



188, 155, 212

Sweetspot

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



157, 195, 107



235, 252, 217



195, 107, 139



119, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



157, 195, 107



193, 252, 116



107, 195, 119



94, 97, 87



93, 161, 0



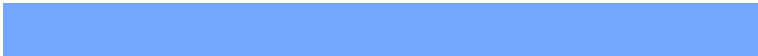
19, 33, 0

Inverse Universe

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



107, 130, 195



116, 153, 252



119, 107, 195



87, 90, 97



0, 43, 161



0, 9, 33

Previews

White Background



This preview shows how the RYB color 157, 195, 107 looks on a white background.

Color Contrast Check

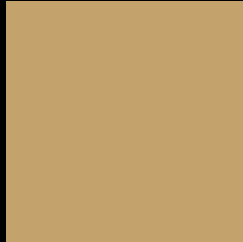
Large Text (above 18pt) WCAG AA × Fail

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 157, 195, 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 157, 195, 107 Background



This preview shows how black text looks on a background with the RYB color 157, 195, 107.

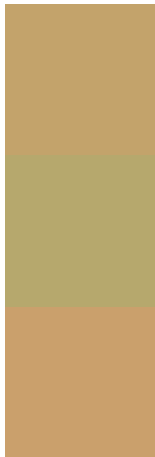


This preview shows how white text looks on a background with the RYB color 157, 195, 107.

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



Original Color
157, 195, 107

Protanopia
126, 182, 109

Deuteranopia
184, 202, 108



Tritanopia
201, 156, 168

Trichromacy



Original Color
157, 195, 107

Protanomaly
137, 187, 108

Deuteranomaly
173, 199, 108

Tritanomaly
199, 163, 146

Monochromacy



Original Color
157, 195, 107

Achromatopsia
166, 166, 166

Achromatomaly
164, 177, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 195, 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(195, 163, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 163, 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(195, 163, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 163, 107) }
```

Border

The CSS property to change the border of an element to RYB 157, 195, 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(195, 163, 107) }
```

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

```
.border{ border-color:rgb(195, 163, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 163, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 163, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 163, 107);  
box-shadow:4px 4px 4px 4px rgb(195, 163,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 157, 195, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 163, 107) }
```

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

```
.background{ background-color: rgb(195,  
163, 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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