

Converting Colors

`RYB(195, 153, 111)`

Have a look what the booklet for
RYB(195, 153, 111) contains.

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Color

R_YB(195, 153, 111)

Conversions

Conversions Part 1

Format	Color
Hex	C38B6F
RGB	195, 139, 111
RGB Percent	76%, 55%, 44%
CMY	0.2353, 0.4549, 0.5647
CMYK	0.00, 0.29, 0.43, 0.24
HSL	20°, 41%, 60%
HSV	20°, 43%, 76%
XYZ	34.6075, 31.2150, 19.2400
YIQ	152.5520, 42.3640, 3.1640

Conversions

Conversions Part 2

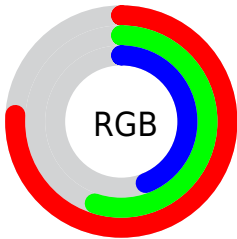
Format	Color
RYB	195, 153, 111
Decimal	12815215
CIELab	62.69, 17.86, 23.44
CIELCh	63, 29.470, 52.691
Yxy	31.2150, 0.4068, 0.3670
Android (android.graphics.Color)	4291005295 (0xFFC38B6F)
YUV	152.5520, -20.4851, 37.2269
Hunter-Lab	55.8704, 12.7941, 18.6917

Details

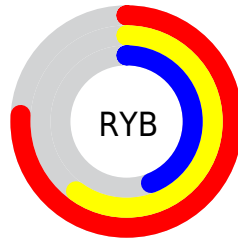
The RYB color **195, 153, 111** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **111, 145, 195**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **253, 208, 163**, and **139, 103, 63** is the 20% darker color. If you saturate the color by 10%, you get **195, 144, 91**, and if you desaturate by 10%, it is **195, 162, 131**.

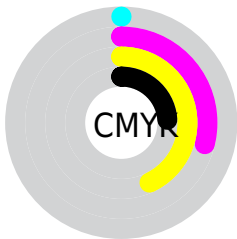
Distribution



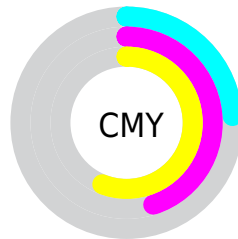
- Red (76%)
- Green (55%)
- Blue (44%)



- Red (76%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 153, 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 RYB color 195, 153, 111 by changing the saturation by 10% instead.

 195, 153, 111

255, 255, 255

 253, 208, 163

 255, 249, 190

 225, 255, 218

 246, 255, 246

 195, 153, 111

 195, 144, 91

 195, 153, 111

 167, 127, 86

 139, 103, 63

 112, 77, 41


 86, 56, 19


 61, 32, 0

 37, 0, 0


 0, 0, 0

 195, 153, 111


 195, 162, 131

 195, 134, 72


 195, 173, 150

 195, 123, 53

 195, 182, 170

 195, 114, 33

 195, 192, 189

 195, 104, 14

 195, 200, 208

 195, 98, 0

 195, 208, 228

 195, 216, 247

 195, 222, 255

 195, 225, 255

Harmonies

Analogous

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



204, 133, 133



195, 153, 111



144, 176, 100

Triad

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



195, 153, 111



88, 133, 166



146, 147, 200

Complementary

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



195, 153, 111



111, 145, 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.



107, 139, 203



195, 153, 111



65, 117, 171

Square

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



195, 153, 111



119, 162, 162



72, 124, 192



179, 138, 184

Rectangle

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



195, 153, 111



105, 159, 100



72, 124, 192



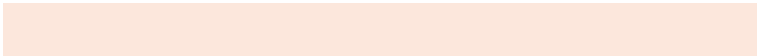
133, 147, 202

Sweetspot

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



195, 153, 111



252, 237, 220



195, 111, 167



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



195, 153, 111



252, 187, 121



129, 195, 111



97, 91, 87



161, 81, 0



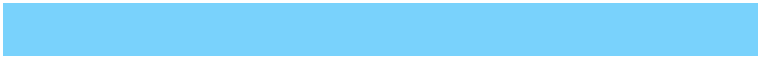
33, 17, 0

Inverse Universe

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



111, 145, 195



121, 174, 252



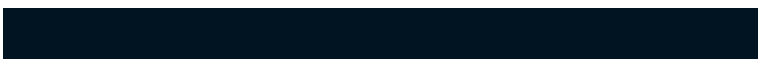
111, 123, 195



87, 91, 97



0, 64, 161



0, 13, 33

Previews

White Background



This preview shows how the RYB color 195, 153, 111 looks on a white background.

Color Contrast Check

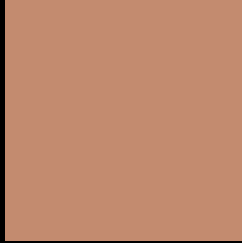
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 195, 153, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

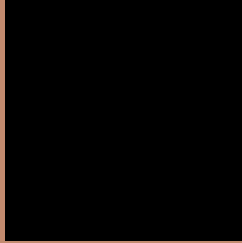
Any Text WCAG AA ✓ Pass

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](#).

RYB 195, 153, 111 Background



This preview shows how black text looks on a background with the RYB color 195, 153, 111.

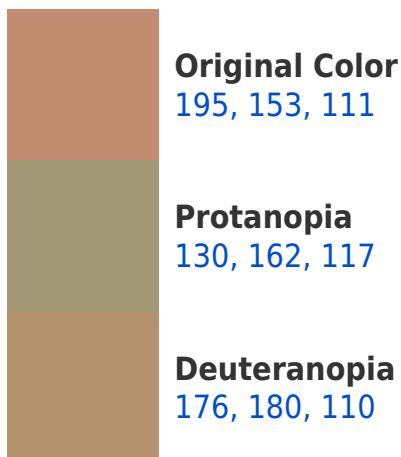



This preview shows how white text looks on a background with the RYB color 195, 153, 111.

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





Tritanopia
198, 134, 145

Trichromacy



Original Color
195, 153, 111

Protanomaly
165, 174, 115

Deuteranomaly
185, 169, 110

Tritanomaly
197, 136, 133

Monochromacy



Original Color
195, 153, 111

Achromatopsia
153, 153, 153

Achromatomaly
168, 153, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 139, 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(195, 139, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 139, 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(195, 139, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 139, 111) }
```

Border

The CSS property to change the border of an element to RYB 195, 153, 111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

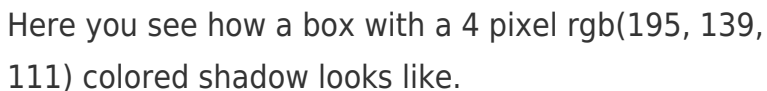
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 139, 111) }
```

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

```
.border{ border-color:rgb(195, 139, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 139, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 139, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 139, 111); box-shadow:4px 4px 4px 4px rgb(195, 139, 111) }
```

Background

The CSS property to change the background color of an element to RYB 195, 139, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 139, 111) }
```

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

```
.background{ background-color: rgb(195,  
139, 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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