

Converting Colors

`RYB(195, 177, 164)`

Have a look what the booklet for
RYB(195, 177, 164) contains.

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Color

R_YB(195, 177, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C3ADA4
RGB	195, 173, 164
RGB Percent	76%, 68%, 64%
CMY	0.2353, 0.3209, 0.3569
CMYK	0.00, 0.11, 0.16, 0.24
HSL	18°, 21%, 70%
HSV	18°, 16%, 76%
XYZ	44.1806, 44.2306, 41.3308
YIQ	178.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

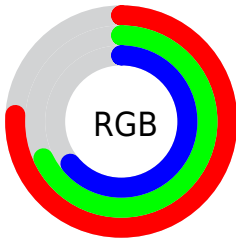
Format	Color
R _Y B	195, 177, 164
Decimal	12823972
CIE Lab	72.38, 6.36, 7.57
CIE LCh	72, 9.889, 49.976
Yxy	44.2306, 0.3405, 0.3409
Android (android.graphics.Color)	4291014052 (0xFFC3ADA4)
YUV	178.5520, -7.1741, 14.4249
Hunter-Lab	66.5061, 2.1935, 9.7080

Details

The RYB color **195, 177, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164, 177, 195**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **252, 231, 219**, and **141, 125, 112** is the 20% darker color. If you saturate the color by 10%, you get **195, 164, 145**, and if you desaturate by 10%, it is **195, 188, 184**.

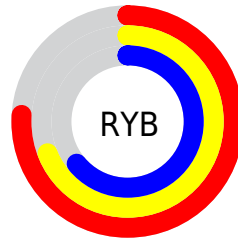
Distribution



Red (76%)

Green (68%)

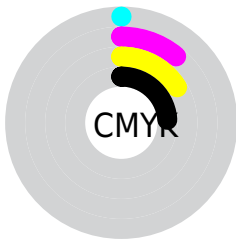
Blue (64%)



Red (76%)

Yellow (69%)

Blue (64%)

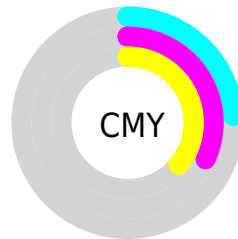


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 177, 164 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, 177, 164 by changing the saturation by 10% instead.


 195, 177, 164


255, 255, 255

 252, 233, 219


 247, 255, 247

 195, 177, 164

 168, 151, 138

 141, 125, 112

 115, 99, 88

 90, 75, 65

 67, 53, 43

 44, 32, 22

 24, 3, 0

 0, 0, 0

 195, 177, 164

 195, 177, 164

195, 164, 145

195, 188, 184

195, 155, 125

195, 198, 203

195, 143, 106

195, 206, 223

195, 131, 86

195, 214, 242

195, 119, 67

195, 221, 255

195, 110, 47

195, 225, 255

195, 97, 28

195, 86, 8

195, 83, 0

Harmonies

Analogous

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



197, 172, 172



195, 177, 164



181, 188, 160

Triad

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



195, 177, 164



159, 174, 183



176, 176, 194

Complementary

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



195, 177, 164



164, 177, 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.



165, 175, 195



195, 177, 164



155, 169, 183

Square

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



195, 177, 164



166, 181, 179



157, 171, 191



186, 173, 189

Rectangle

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



195, 177, 164



165, 182, 160



157, 171, 191



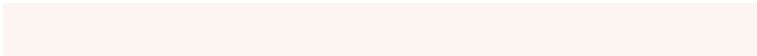
172, 176, 195

Sweetspot

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



195, 177, 164



252, 246, 240



195, 164, 186



128, 123, 120



0, 0, 0



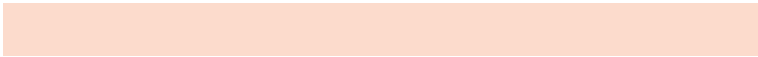
128, 128, 128

Same Dimension

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



195, 177, 164



252, 226, 204



173, 195, 164



97, 91, 87



161, 66, 0



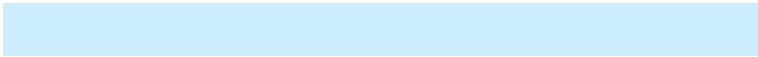
33, 14, 0

Inverse Universe

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



164, 177, 195



204, 224, 252



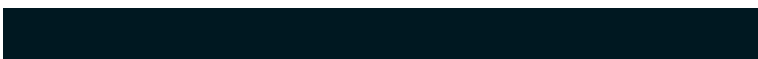
164, 170, 195



87, 91, 97



0, 66, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 195, 177, 164 looks on a white background.

Color Contrast Check

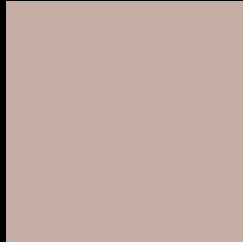
Large Text (above 18pt) WCAG AA × Fail

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, 177, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

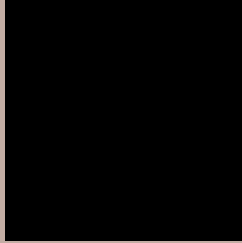
Any Text WCAG AA ✓ Pass

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, 177, 164 Background



This preview shows how black text looks on a background with the RYB color 195, 177, 164.



This preview shows how white text looks on a background with the RYB color 195, 177, 164.

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
195, 177, 164

Protanopia
177, 184, 166

Deuteranopia
200, 173, 164



Tritanopia
198, 170, 184

Trichromacy



Original Color

195, 177, 164

Protanomaly

188, 186, 165

Deuteranomaly

198, 174, 164

Tritanomaly

197, 171, 177

Monochromacy



Original Color

195, 177, 164

Achromatopsia

179, 179, 179

Achromatomaly

185, 178, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 177, 164 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, 173, 164) looks like.

```
.text, #text, p{  
    color:rgb(195, 173, 164)  
}
```

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, 173, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 173, 164) }
```

Border

The CSS property to change the border of an element to RYB 195, 177, 164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

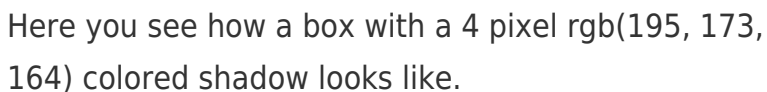
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 173, 164) }
```

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

```
.border{ border-color:rgb(195, 173, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 173, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 173, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 173, 164); box-shadow:4px 4px 4px 4px rgb(195, 173, 164) }
```

Background

The CSS property to change the background color of an element to RYB 195, 177, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 173, 164) }
```

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

```
.background{ background-color: rgb(195,  
173, 164) }
```

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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