

Converting Colors

`RYB(195, 170, 146)`

Have a look what the booklet for
RYB(195, 170, 146) contains.

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Color

R_YB(195, 170, 146)

Conversions

Conversions Part 1

Format	Color
Hex	C3A292
RGB	195, 162, 146
RGB Percent	76%, 64%, 57%
CMY	0.2353, 0.3643, 0.4275
CMYK	0.00, 0.17, 0.25, 0.24
HSL	20°, 29%, 67%
HSV	20°, 25%, 76%
XYZ	40.6336, 39.5567, 32.6877
YIQ	170.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

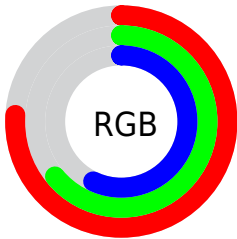
Format	Color
RYB	195, 170, 146
Decimal	12821138
CIELab	69.15, 9.63, 12.90
CIELCh	69, 16.093, 53.265
Yxy	39.5567, 0.3600, 0.3504
Android (android.graphics.Color)	4291011218 (0xFFC3A292)
YUV	170.0430, -11.8532, 21.8873
Hunter-Lab	62.8941, 5.2577, 13.2113

Details

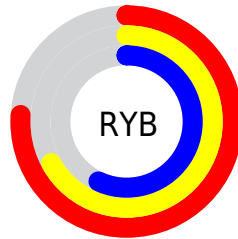
The RYB color **195, 170, 146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **146, 166, 195**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **252, 225, 200**, and **141, 117, 95** is the 20% darker color. If you saturate the color by 10%, you get **195, 160, 127**, and if you desaturate by 10%, it is **195, 180, 165**.

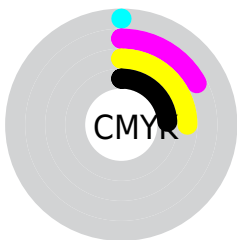
Distribution



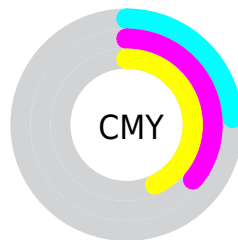
- Red (76%)
- Green (64%)
- Blue (57%)



- Red (76%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 170, 146 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, 170, 146 by changing the saturation by 10% instead.


 195, 170, 146


255, 255, 255

 252, 225, 200

 244, 255, 228

 195, 170, 146

 167, 144, 120

 141, 117, 95

 115, 93, 72

 89, 71, 49

 65, 48, 28

 43, 34, 2

 15, 0, 0

 0, 0, 0

 195, 170, 146


 195, 170, 146

 195, 160, 127


 195, 180, 165

 195, 150, 107


 195, 189, 185

 195, 140, 88


 195, 199, 205

 195, 131, 68

 195, 206, 224

 195, 121, 49

 195, 215, 243

 195, 111, 29

 195, 221, 255

 195, 99, 10

 195, 225, 255

 195, 95, 0

 195, 225, 255

Harmonies

Analogous

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



200, 159, 158



195, 170, 146



168, 184, 140

Triad

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



195, 170, 146



137, 161, 177



167, 166, 195

Complementary

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



195, 170, 146



146, 166, 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.



149, 164, 197



195, 170, 146



130, 154, 180

Square

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



195, 170, 146



151, 175, 175



135, 159, 192



185, 162, 186

Rectangle

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



195, 170, 146



145, 174, 140



135, 159, 192



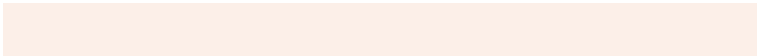
161, 167, 197

Sweetspot

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



195, 170, 146



252, 243, 232



195, 146, 179



128, 121, 115



0, 0, 0



128, 128, 128

Same Dimension

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



195, 170, 146



252, 215, 177



157, 195, 146



97, 91, 87



161, 79, 0



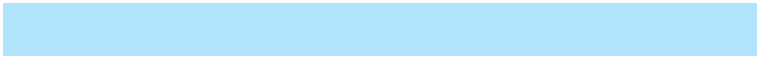
33, 17, 0

Inverse Universe

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



146, 166, 195



177, 207, 252



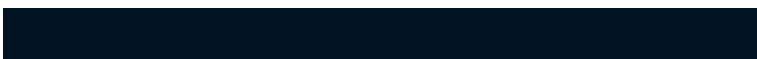
146, 154, 195



87, 91, 97



0, 65, 161



0, 13, 33

Previews

White Background



This preview shows how the RYB color 195, 170, 146 looks on a white background.

Color Contrast Check

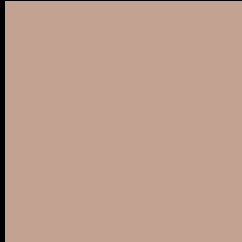
Large Text (above 18pt) WCAG AA × Fail

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, 170, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

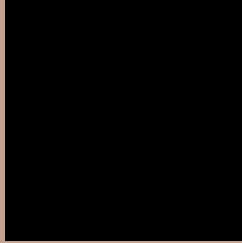
Any Text WCAG AA ✓ Pass

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, 170, 146 Background



This preview shows how black text looks on a background with the RYB color 195, 170, 146.



This preview shows how white text looks on a background with the RYB color 195, 170, 146.

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, 170, 146

Protanopia
162, 177, 149

Deuteranopia
194, 172, 146



Tritanopia
198, 158, 171

Trichromacy



Original Color

195, 170, 146

Protanomaly

184, 184, 148

Deuteranomaly

194, 172, 146

Tritanomaly

197, 159, 162

Monochromacy



Original Color

195, 170, 146

Achromatopsia

170, 170, 170

Achromatomaly

179, 170, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 170, 146 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, 162, 146) looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 146)  
}
```

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, 162, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 146) }
```

Border

The CSS property to change the border of an element to RYB 195, 170, 146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

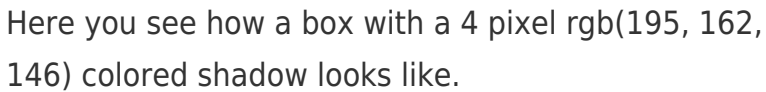
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 162, 146) }
```

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

```
.border{ border-color:rgb(195, 162, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 162, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 146);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 195, 170, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 146) }
```

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

```
.background{ background-color: rgb(195,  
162, 146) }
```

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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