

Converting Colors

`RYB(175, 193, 166)`

Have a look what the booklet for
RYB(175, 193, 166) contains.

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Color

R_YB(175, 193, 166)

Conversions

Conversions Part 1

Format	Color
Hex	C1BAA6
RGB	193, 186, 166
RGB Percent	76%, 73%, 65%
CMY	0.2431, 0.2696, 0.3490
CMYK	0.00, 0.03, 0.14, 0.24
HSL	45°, 18%, 70%
HSV	45°, 14%, 76%
XYZ	46.4869, 49.3139, 43.1448
YIQ	185.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

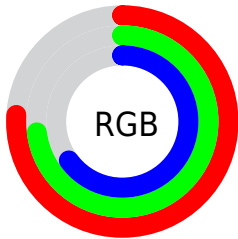
Format	Color
RYB	175, 193, 166
Decimal	12696230
CIELab	75.65, -1.08, 11.11
CIElCh	76, 11.164, 95.567
Yxy	49.3139, 0.3346, 0.3549
Android (android.graphics.Color)	4290886310 (0xFFC1BAA6)
YUV	185.8130, -9.7678, 6.3030
Hunter-Lab	70.2238, -4.7280, 12.7295

Details

The RYB color **175, 193, 166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **166, 172, 193**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **232, 250, 221**, and **122, 139, 114** is the 20% darker color. If you saturate the color by 10%, you get **163, 193, 147**, and if you desaturate by 10%, it is **188, 193, 185**.

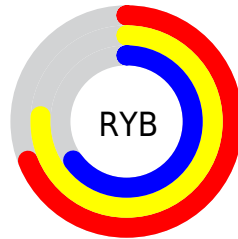
Distribution



Red (76%)

Green (73%)

Blue (65%)



Red (69%)

Yellow (76%)

Blue (65%)

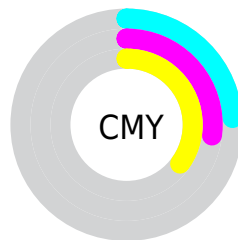


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 193, 166 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 175, 193, 166 by changing the saturation by 10% instead.

 175, 193, 166


255, 255, 255

 232, 250, 221

 250, 255, 250

 175, 193, 166

 150, 166, 140

 122, 139, 114

 98, 114, 90

 72, 89, 66

 49, 65, 44

 28, 43, 23

 6, 23, 0

 0, 0, 0

 175, 193, 166

 175, 193, 166

 163, 193, 147


 188, 193, 185

 148, 193, 127


 193, 195, 205

 136, 193, 108

 193, 199, 224

 124, 193, 89

 193, 203, 243

 111, 193, 70


 193, 206, 255

 98, 193, 50


 193, 209, 255

 86, 193, 31

 193, 212, 255

 72, 193, 12

 193, 214, 255

 64, 193, 0

 193, 216, 255

Harmonies

Analogous

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



203, 194, 168



175, 193, 166



170, 189, 178

Triad

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



175, 193, 166



161, 178, 198



202, 180, 195

Complementary

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



175, 193, 166



166, 172, 193

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.



191, 183, 203



175, 193, 166



167, 181, 205

Square

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



175, 193, 166



162, 179, 193



178, 185, 207



208, 179, 185

Rectangle

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



175, 193, 166



173, 190, 191



178, 185, 207



199, 181, 198

Sweetspot

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



175, 193, 166



244, 250, 240



193, 166, 173



122, 125, 119



252, 252, 252



125, 125, 125

Same Dimension

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



175, 193, 166



222, 250, 207



166, 193, 172



91, 97, 87



55, 161, 0



11, 33, 0

Inverse Universe

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



166, 172, 193



207, 216, 250



173, 166, 193



87, 89, 97



0, 32, 161



0, 6, 33

Previews

White Background



This preview shows how the RYB color 175, 193, 166 looks on a white background.

Color Contrast Check

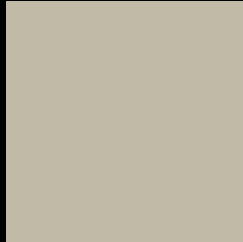
Large Text (above 18pt) WCAG AA × Fail

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 175, 193, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

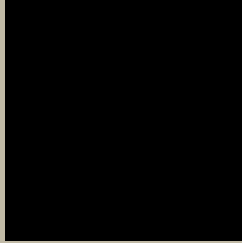
Any Text WCAG AA ✓ Pass

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 175, 193, 166 Background



This preview shows how black text looks on a background with the RYB color 175, 193, 166.



This preview shows how white text looks on a background with the RYB color 175, 193, 166.

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
175, 193, 166

Protanopia
177, 194, 166

Deuteranopia
211, 185, 167



Tritanopia
197, 182, 196

Trichromacy



Original Color

175, 193, 166

Protanomaly

177, 194, 166

Deuteranomaly

204, 192, 167

Tritanomaly

196, 184, 185

Monochromacy



Original Color

175, 193, 166

Achromatopsia

186, 186, 186

Achromatomaly

183, 189, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 193, 166 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(193, 186, 166) looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 166)  
}
```

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(193, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 166) }
```

Border

The CSS property to change the border of an element to RYB 175, 193, 166 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(193, 186, 166) }
```

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

```
.border{ border-color:rgb(193, 186, 166) }
```

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

Here you see how a box with a 4 pixel rgb(193, 186, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 175, 193, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 166) }
```

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

```
.background{ background-color: rgb(193,  
186, 166) }
```

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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