

Converting Colors

`RYB(194, 176, 167)`

Have a look what the booklet for
RYB(194, 176, 167) contains.

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Color

$\text{RYB}(194, 176, 167)$

Conversions

Conversions Part 1

Format	Color
Hex	C2AEA7
RGB	194, 174, 167
RGB Percent	76%, 68%, 65%
CMY	0.2392, 0.3186, 0.3451
CMYK	0.00, 0.10, 0.14, 0.24
HSL	15°, 18%, 71%
HSV	15°, 14%, 76%
XYZ	44.3110, 44.4349, 42.8006
YIQ	179.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

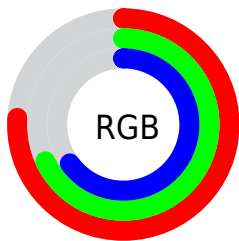
Format	Color
RYB	194, 176, 167
Decimal	12758695
CIELab	72.52, 6.15, 6.11
CIELCh	73, 8.672, 44.793
Yxy	44.4349, 0.3368, 0.3378
Android (android.graphics.Color)	4290948775 (0xFFC2AEA7)
YUV	179.1820, -6.0057, 12.9954
Hunter-Lab	66.6595, 2.0011, 8.5929

Details

The RYB color **194, 176, 167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167, 178, 194**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **251, 231, 222**, and **140, 125, 115** is the 20% darker color. If you saturate the color by 10%, you get **194, 162, 148**, and if you desaturate by 10%, it is **194, 189, 186**.

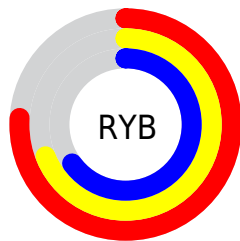
Distribution



Red (76%)

Green (68%)

Blue (65%)



Red (76%)

Yellow (69%)

Blue (65%)

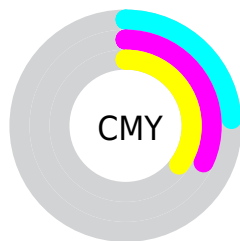


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 176, 167 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 194, 176, 167 by changing the saturation by 10% instead.


 194, 176, 167

255, 255, 255


 251, 231, 222


 251, 255, 251

 194, 176, 167

 167, 149, 141

 140, 123, 115

 115, 99, 91


 90, 75, 67


 66, 52, 45

 44, 31, 24

 24, 5, 0

 0, 0, 0

 194, 176, 167

 194, 176, 167

■ 194, 162, 148

■ 194, 189, 186

■ 194, 151, 128

■ 194, 199, 206

■ 194, 137, 109

■ 194, 207, 225

■ 194, 125, 89

■ 194, 216, 245

■ 194, 111, 70

■ 194, 222, 255

■ 194, 97, 51

■ 194, 225, 255

■ 194, 86, 31

■ 194, 72, 12

■ 194, 66, 0

Harmonies

Analogous

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



195, 173, 174



194, 176, 167



189, 189, 163

Triad

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



194, 176, 167



163, 175, 182



175, 177, 193

Complementary

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



194, 176, 167



167, 178, 194

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, 193



194, 176, 167



159, 171, 183

Square

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



194, 176, 167



166, 181, 176



159, 172, 189



184, 175, 189

Rectangle

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



194, 176, 167



169, 183, 162



159, 172, 189



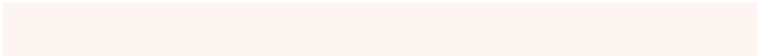
171, 176, 193

Sweetspot

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



194, 176, 167



252, 246, 242



194, 167, 187



128, 124, 121



0, 0, 0



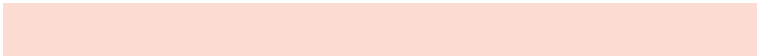
128, 128, 128

Same Dimension

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



194, 176, 167



252, 223, 210



176, 194, 167



97, 91, 87



161, 53, 0



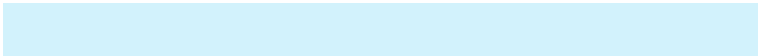
33, 11, 0

Inverse Universe

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



167, 178, 194



210, 228, 252



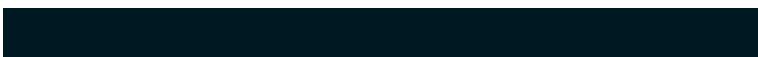
167, 173, 194



87, 91, 97



0, 69, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 194, 176, 167 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 194, 176, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

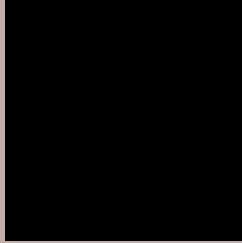
Any Text WCAG AA ✓ Pass

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](#).

R Y B 194, 176, 167 Background



This preview shows how black text looks on a background with the RYB color 194, 176, 167.



This preview shows how white text looks on a background with the RYB color 194, 176, 167.

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

194, 176, 167

Protanopia

180, 183, 169

Deuteranopia

199, 173, 167



Tritanopia
196, 171, 184

Trichromacy



Original Color
194, 176, 167

Protanomaly
187, 182, 168

Deuteranomaly
197, 175, 167

Tritanomaly
195, 172, 178

Monochromacy



Original Color
194, 176, 167

Achromatopsia
179, 179, 179

Achromatomaly
184, 178, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 176, 167 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(194, 174, 167) looks like.

```
.text, #text, p{  
    color:rgb(194, 174, 167)  
}
```

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(194, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 174, 167) }
```

Border

The CSS property to change the border of an element to RYB 194, 176, 167 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(194, 174, 167) }
```

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

```
.border{ border-color:rgb(194, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 174,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 194, 176, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 174, 167) }
```

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

```
.background{ background-color: rgb(194,  
174, 167) }
```

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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