

Converting Colors

`RYB(193, 193, 167)`

Have a look what the booklet for
RYB(193, 193, 167) contains.

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Color

$\text{RYB}(193, 193, 167)$

Conversions

Conversions Part 1

Format	Color
Hex	C1B4A7
RGB	193, 180, 167
RGB Percent	76%, 71%, 65%
CMY	0.2431, 0.2941, 0.3451
CMYK	0.00, 0.07, 0.13, 0.24
HSL	30°, 17%, 71%
HSV	30°, 13%, 76%
XYZ	45.2886, 46.7700, 43.1998
YIQ	182.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

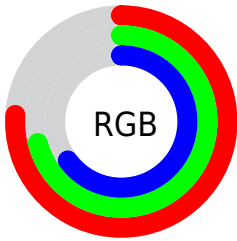
Format	Color
RYB	193, 193, 167
Decimal	12694695
CIELab	74.04, 2.42, 8.28
CIELCh	74, 8.629, 73.744
Yxy	46.7700, 0.3348, 0.3458
Android (android.graphics.Color)	4290884775 (0xFFC1B4A7)
YUV	182.4050, -7.5947, 9.2918
Hunter-Lab	68.3886, -1.4729, 10.4197

Details

The RYB color **193, 193, 167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **167, 176, 193**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **250, 250, 222**, and **139, 139, 115** is the 20% darker color. If you saturate the color by 10%, you get **193, 191, 148**, and if you desaturate by 10%, it is **191, 193, 186**.

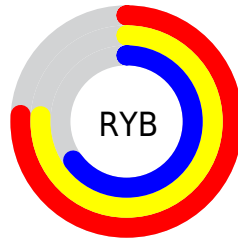
Distribution



Red (76%)

Green (71%)

Blue (65%)



Red (76%)

Yellow (76%)

Blue (65%)

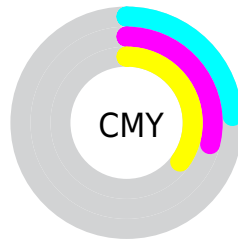


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 193, 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 193, 193, 167 by changing the saturation by 10% instead.

 193, 193, 167

255, 255, 255


 250, 250, 222

 251, 255, 251


 193, 193, 167


 166, 164, 141

 139, 139, 115

 114, 112, 91

 89, 89, 67

 61, 65, 45

 41, 43, 24


 21, 23, 0


 0, 0, 0


 193, 193, 167

 193, 193, 167

 193, 191, 148


 191, 193, 186

 191, 193, 128


 193, 197, 206

 193, 193, 109


 193, 204, 225

 193, 191, 90


 193, 210, 244

 191, 193, 70


 193, 215, 255

 193, 193, 51

 193, 219, 255

 193, 191, 32

 193, 222, 255

 193, 193, 13

 193, 224, 255

 191, 193, 0

Harmonies

Analogous

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



198, 180, 171



193, 193, 167



169, 185, 167

Triad

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



193, 193, 167



163, 176, 187



188, 179, 193

Complementary

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



193, 193, 167



167, 176, 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.



178, 181, 197



193, 193, 167



164, 177, 193

Square

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



193, 193, 167



168, 180, 186



169, 179, 197



196, 177, 187

Rectangle

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



193, 193, 167



169, 184, 174



169, 179, 197



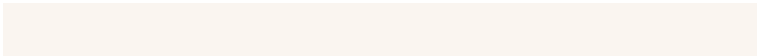
185, 180, 195

Sweetspot

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



193, 193, 167



250, 250, 240



193, 167, 180



125, 125, 119



252, 252, 252



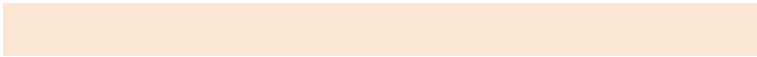
125, 125, 125

Same Dimension

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



193, 193, 167



250, 250, 210



167, 193, 167



97, 97, 87



161, 159, 0



31, 33, 0

Inverse Universe

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



167, 176, 193



210, 223, 250



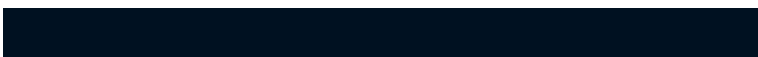
167, 167, 193



87, 90, 97



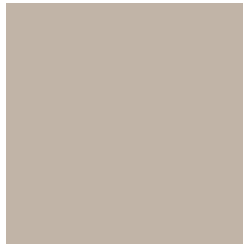
0, 53, 161



0, 11, 33

Previews

White Background



This preview shows how the RYB color 193, 193, 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 193, 193, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

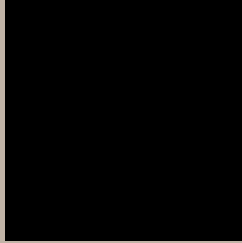
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

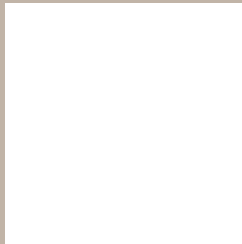
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 193, 167 Background



This preview shows how black text looks on a background with the RYB color 193, 193, 167.



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





Tritanopia
196, 177, 190

Trichromacy



Original Color

193, 193, 167

Protanomaly

183, 190, 168

Deuteranomaly

201, 180, 168

Tritanomaly

195, 178, 182

Monochromacy



Original Color

193, 193, 167

Achromatopsia

182, 182, 182

Achromatomaly

186, 184, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 180, 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(193, 180, 167) looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 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(193, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 167) }
```

Border

The CSS property to change the border of an element to RYB 193, 193, 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(193, 180, 167) }
```

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

```
.border{ border-color:rgb(193, 180, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 193, 193, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 167) }
```

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

```
.background{ background-color: rgb(193,  
180, 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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