

Converting Colors

`RYB(207, 193, 191)`

Have a look what the booklet for
RYB(207, 193, 191) contains.

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Color

R_YB(207, 193, 191)

Conversions

Conversions Part 1

Format	Color
Hex	CFC1BF
RGB	207, 193, 191
RGB Percent	81%, 76%, 75%
CMY	0.1882, 0.2440, 0.2510
CMYK	0.00, 0.07, 0.08, 0.19
HSL	7°, 14%, 78%
HSV	7°, 8%, 81%
XYZ	54.1570, 55.0687, 57.0652
YIQ	196.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

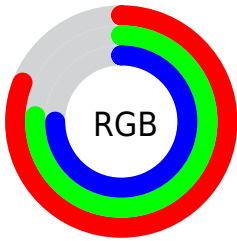
Format	Color
RYB	207, 193, 191
Decimal	13615551
CIELab	79.08, 4.69, 2.68
CIElCh	79, 5.399, 29.790
Yxy	55.0687, 0.3257, 0.3312
Android (android.graphics.Color)	4291805631 (0xFFCFC1BF)
YUV	196.9580, -2.9373, 8.8068
Hunter-Lab	74.2083, 0.4041, 6.3526

Details

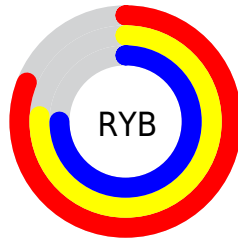
The RYB color **207, 193, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 198, 207**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 250, 247**, and **153, 140, 138** is the 20% darker color. If you saturate the color by 10%, you get **207, 174, 170**, and if you desaturate by 10%, it is **207, 209, 212**.

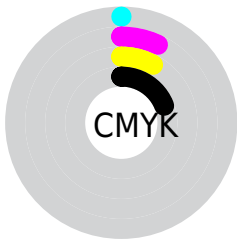
Distribution



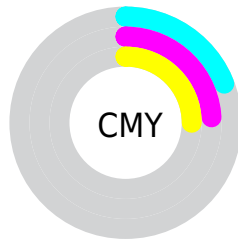
- Red (81%)
- Green (76%)
- Blue (75%)



- Red (81%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 193, 191 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 207, 193, 191 by changing the saturation by 10% instead.

 207, 193, 191

255, 255, 255

 255, 250, 247

 207, 193, 191

 179, 166, 164

 153, 139, 138

 127, 114, 112

 102, 89, 88

 78, 66, 65

 55, 44, 43


 33, 23, 22

 2, 0, 0

 0, 0, 0

 207, 193, 191

 207, 193, 191

 207, 174, 170


 207, 209, 212

 207, 157, 150

 207, 219, 232

 207, 139, 129

 207, 229, 253

 207, 120, 108

 207, 231, 255

 207, 103, 88

 207, 84, 67

 207, 66, 46

 207, 49, 25

 207, 30, 5

Harmonies

Analogous

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



206, 193, 196



207, 193, 191



205, 198, 187

Triad

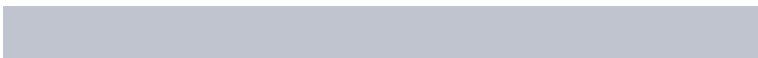
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



207, 193, 191



189, 196, 198



191, 195, 206

Complementary

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



207, 193, 191



191, 198, 207

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.



186, 193, 204



207, 193, 191



185, 193, 199

Square

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



207, 193, 191



187, 197, 190



184, 192, 201



197, 195, 204

Rectangle

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



207, 193, 191



198, 202, 186



184, 192, 201



189, 194, 206

Sweetspot

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



207, 193, 191



255, 250, 250



207, 191, 205



128, 125, 125



0, 0, 0



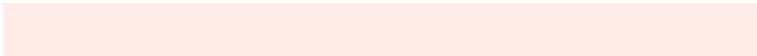
128, 128, 128

Same Dimension

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



207, 193, 191



255, 235, 232



201, 207, 191



105, 95, 94



168, 21, 0



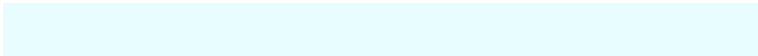
41, 6, 0

Inverse Universe

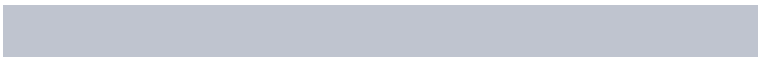
The Inverse Universe completely reimagines the original color for something new.



191, 198, 207



232, 243, 255



191, 195, 207



94, 99, 105



0, 79, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 207, 193, 191 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 207, 193, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

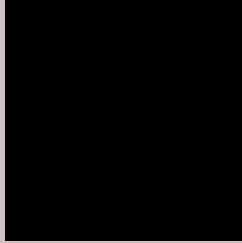
Any Text WCAG AA ✓ Pass

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 207, 193, 191 Background



This preview shows how black text looks on a background with the RYB color 207, 193, 191.



This preview shows how white text looks on a background with the RYB color 207, 193, 191.

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
207, 193, 191

Protanopia
200, 197, 192

Deuteranopia
216, 189, 192



Tritanopia
209, 191, 206

Trichromacy



Original Color

207, 193, 191

Protanomaly

203, 194, 192

Deuteranomaly

213, 190, 192

Tritanomaly

208, 192, 201

Monochromacy



Original Color

207, 193, 191

Achromatopsia

197, 197, 197

Achromatomaly

201, 195, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 193, 191 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(207, 193, 191) looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 191)  
}
```

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(207, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 191) }
```

Border

The CSS property to change the border of an element to RYB 207, 193, 191 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(207, 193, 191) }
```

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

```
.border{ border-color:rgb(207, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 207, 193, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 191) }
```

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

```
.background{ background-color: rgb(207,  
193, 191) }
```

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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