

Converting Colors

`RYB(195, 188, 192)`

Have a look what the booklet for RYB(195, 188, 192) contains.

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Color

R_YB(195, 188, 192)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCC0
RGB	195, 188, 192
RGB Percent	76%, 74%, 75%
CMY	0.2353, 0.2627, 0.2471
CMYK	0.00, 0.04, 0.02, 0.24
HSL	326°, 6%, 75%
HSV	326°, 4%, 76%
XYZ	50.0033, 51.3743, 57.1499
YIQ	190.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

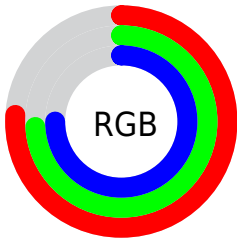
Format	Color
R _Y B	195, 188, 192
Decimal	12827840
CIE Lab	76.91, 3.18, -1.15
CIE LCh	77, 3.384, 340.156
Yxy	51.3743, 0.3154, 0.3241
Android (android.graphics.Color)	4291017920 (0xFFC3BCC0)
YUV	190.5490, 0.7153, 3.9035
Hunter-Lab	71.6759, -0.9056, 2.8989

Details

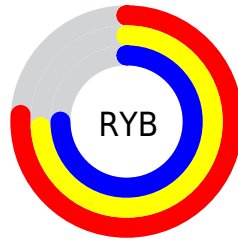
The RYB color **195, 188, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 193, 195**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **252, 244, 248**, and **141, 135, 139** is the 20% darker color. If you saturate the color by 10%, you get **195, 169, 184**, and if you desaturate by 10%, it is **195, 204, 208**.

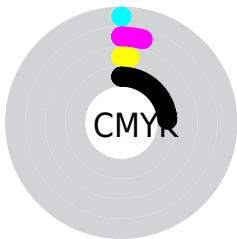
Distribution



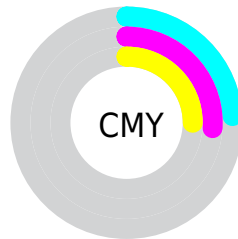
- Red (76%)
- Green (74%)
- Blue (75%)



- Red (76%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 188, 192 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, 188, 192 by changing the saturation by 10% instead.


 195, 188, 192

255, 255, 255

 252, 244, 248

 195, 188, 192

 168, 161, 165

 141, 135, 139

 116, 110, 113

 91, 85, 89


 68, 62, 65

 46, 40, 43

 25, 20, 23

 0, 0, 0

 195, 188, 192

 195, 188, 192

 195, 169, 184

 195, 204, 208

 195, 149, 175

 195, 217, 227

 195, 130, 167


 195, 232, 247

 195, 110, 159


 195, 235, 255

 195, 91, 150


 195, 231, 255

 195, 71, 142


 195, 229, 255

 195, 52, 133

 195, 226, 255

 195, 32, 125

 195, 225, 255

 195, 13, 117

Harmonies

Analogous

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



192, 189, 195



195, 188, 192



197, 188, 189

Triad

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



195, 188, 192



185, 191, 184



183, 188, 194

Complementary

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



195, 188, 192



188, 193, 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.



183, 188, 192



195, 188, 192



185, 191, 188

Square

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



195, 188, 192



195, 193, 184



185, 190, 192



185, 189, 196

Rectangle

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



195, 188, 192



197, 188, 187



185, 190, 192



182, 187, 193

Sweetspot

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



195, 188, 192



252, 250, 251



191, 188, 195



128, 126, 127



0, 0, 0



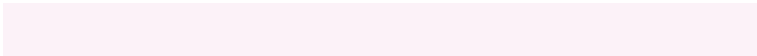
128, 128, 128

Same Dimension

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



195, 188, 192



252, 242, 248



195, 188, 189



97, 92, 95



161, 0, 92



33, 0, 19

Inverse Universe

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



195, 188, 192



252, 242, 248



188, 192, 195



97, 92, 95



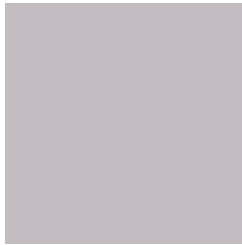
161, 0, 92



33, 0, 19

Previews

White Background



This preview shows how the RYB color 195, 188, 192 looks on a white background.

Color Contrast Check

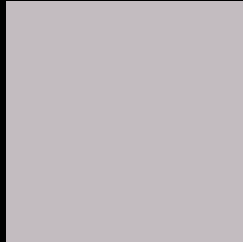
Large Text (above 18pt) WCAG AA × Fail

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, 188, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

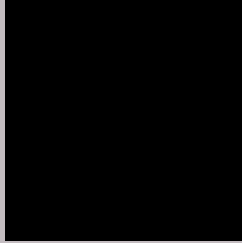
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

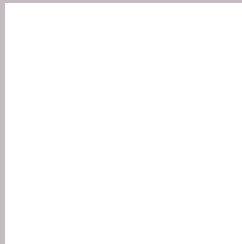
Any Text WCAG AAA ✓ Pass

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

RYB 195, 188, 192 Background



This preview shows how black text looks on a background with the RYB color 195, 188, 192.

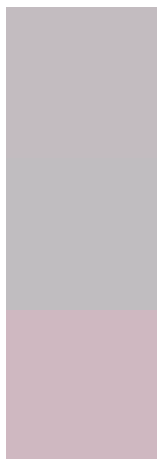


This preview shows how white text looks on a background with the RYB color 195, 188, 192.

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, 188, 192

Protanopia

192, 189, 192

Deuteranopia

207, 184, 193



Tritanopia
196, 187, 201

Trichromacy



Original Color

195, 188, 192

Protanomaly

193, 189, 192

Deuteranomaly

203, 185, 193

Tritanomaly

196, 187, 198

Monochromacy



Original Color

195, 188, 192

Achromatopsia

191, 191, 191

Achromatomaly

192, 190, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 188, 192 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, 188, 192) looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 192)  
}
```

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, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 192) }
```

Border

The CSS property to change the border of an element to RYB 195, 188, 192 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, 188, 192) }
```

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

```
.border{ border-color:rgb(195, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 195, 188, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 192) }
```

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

```
.background{ background-color: rgb(195,  
188, 192) }
```

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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