

Converting Colors

`RYB(203, 193, 193)`

Have a look what the booklet for
RYB(203, 193, 193) contains.

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Color

R_YB(203, 193, 193)

Conversions

Conversions Part 1

Format	Color
Hex	CBC1C1
RGB	203, 193, 193
RGB Percent	80%, 76%, 76%
CMY	0.2039, 0.2431, 0.2431
CMYK	0.00, 0.05, 0.05, 0.20
HSL	0°, 9%, 78%
HSV	0°, 5%, 80%
XYZ	53.3242, 54.6867, 58.1972
YIQ	195.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

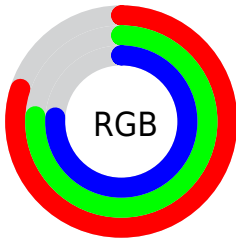
Format	Color
RYB	203, 193, 193
Decimal	13353409
CIELab	78.86, 3.50, 1.24
CIELCh	79, 3.714, 19.554
Yxy	54.6867, 0.3208, 0.3290
Android (android.graphics.Color)	4291543489 (0xFFCBC1C1)
YUV	195.9900, -1.4741, 6.1478
Hunter-Lab	73.9505, -0.7005, 5.1056

Details

The RYB color **203, 193, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 198, 203**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 249, 249**, and **149, 140, 140** is the 20% darker color. If you saturate the color by 10%, you get **203, 173, 173**, and if you desaturate by 10%, it is **203, 208, 213**.

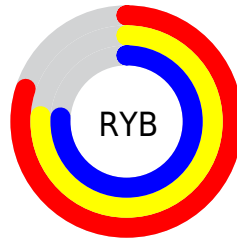
Distribution



Red (80%)

Green (76%)

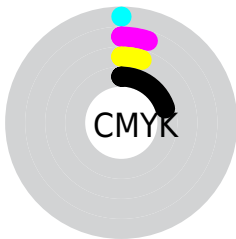
Blue (76%)



Red (80%)

Yellow (76%)

Blue (76%)

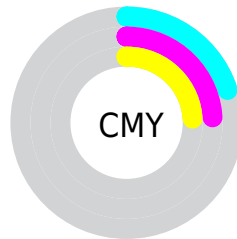


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 193, 193 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 203, 193, 193 by changing the saturation by 10% instead.

 203, 193, 193

 203, 193, 193

255, 255, 255

 176, 166, 166

 255, 249, 249


 149, 140, 140

 123, 114, 114


 98, 90, 90


 74, 66, 66

 52, 44, 44

 31, 24, 24

 0, 0, 0

 203, 193, 193

 203, 193, 193

 203, 173, 173

 203, 208, 213

 203, 152, 152

 203, 219, 234

 203, 132, 132

 203, 229, 254

 203, 112, 112

 203, 229, 255

 203, 92, 92

 203, 71, 71

 203, 51, 51

 203, 31, 31

 203, 10, 10

Harmonies

Analogous

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



202, 193, 197



203, 193, 193



202, 196, 190

Triad

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



203, 193, 193



191, 197, 196



191, 194, 202

Complementary

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



203, 193, 193



193, 198, 203

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.



188, 193, 200



203, 193, 193



188, 193, 197

Square

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



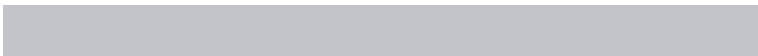
203, 193, 193



189, 196, 189



187, 192, 197



195, 195, 202

Rectangle

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



203, 193, 193



201, 198, 189



187, 192, 197



189, 194, 202

Sweetspot

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



203, 193, 193



255, 252, 252



203, 193, 203



128, 126, 126



0, 0, 0



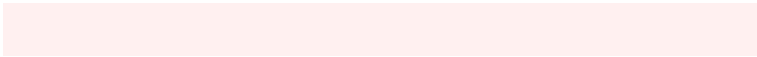
128, 128, 128

Same Dimension

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



203, 193, 193



255, 240, 240



203, 203, 193



102, 95, 95



166, 0, 0



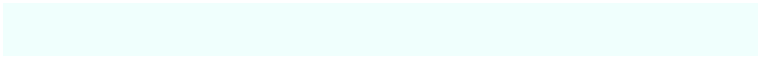
38, 0, 0

Inverse Universe

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



193, 198, 203



240, 248, 255



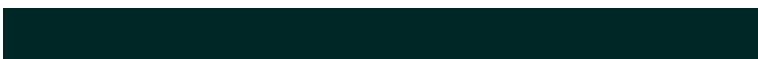
193, 196, 203



95, 99, 102



0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 203, 193, 193 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 203, 193, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

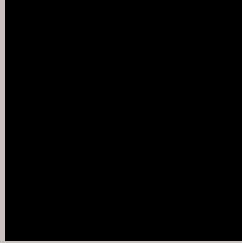
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

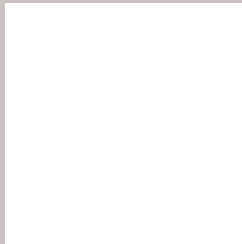
Any Text WCAG AAA ✓ Pass

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

R Y B 203, 193, 193 Background



This preview shows how black text looks on a background with the R Y B color 203, 193, 193.

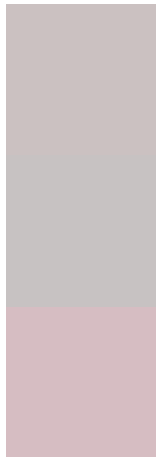


This preview shows how white text looks on a background with the R Y B color 203, 193, 193.

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
203, 193, 193

Protanopia
199, 194, 194

Deuteranopia
214, 189, 194



Tritanopia
205, 191, 206

Trichromacy



Original Color

203, 193, 193

Protanomaly

200, 194, 194

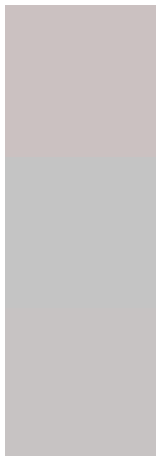
Deuteranomaly

210, 190, 194

Tritanomaly

204, 192, 201

Monochromacy



Original Color

203, 193, 193

Achromatopsia

196, 196, 196

Achromatomaly

199, 195, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 193, 193 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(203, 193, 193) looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 193)  
}
```

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(203, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 193) }
```

Border

The CSS property to change the border of an element to RYB 203, 193, 193 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(203, 193, 193) }
```

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

```
.border{ border-color:rgb(203, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(203, 193,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 203, 193, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 193) }
```

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

```
.background{ background-color: rgb(203,  
193, 193) }
```

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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