

Converting Colors

`RYB(208, 191, 191)`

Have a look what the booklet for
RYB(208, 191, 191) contains.

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Color

R_YB(208, 191, 191)

Conversions

Conversions Part 1

Format	Color
Hex	D0BFBF
RGB	208, 191, 191
RGB Percent	82%, 75%, 75%
CMY	0.1843, 0.2510, 0.2510
CMYK	0.00, 0.08, 0.08, 0.18
HSL	0°, 15%, 78%
HSV	0°, 8%, 82%
XYZ	54.0472, 54.4331, 56.9483
YIQ	196.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

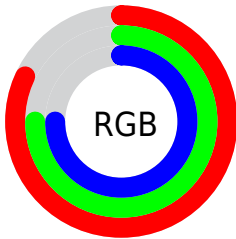
Format	Color
R_{YB}	208, 191, 191
Decimal	13680575
CIE _{Lab}	78.71, 5.99, 2.16
CIE _{LCh}	79, 6.366, 19.829
Yxy	54.4331, 0.3267, 0.3290
Android (android.graphics.Color)	4291870655 (0xFFD0BFBF)
YUV	196.0830, -2.5059, 10.4512
Hunter-Lab	73.7788, 1.6486, 5.8805

Details

The RYB color **208, 191, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 200, 208**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 247, 247**, and **154, 138, 138** is the 20% darker color. If you saturate the color by 10%, you get **208, 170, 170**, and if you desaturate by 10%, it is **208, 210, 212**.

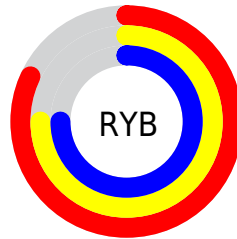
Distribution



Red (82%)

Green (75%)

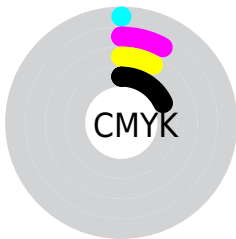
Blue (75%)



Red (82%)

Yellow (75%)

Blue (75%)

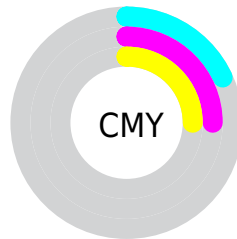


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 191, 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 208, 191, 191 by changing the saturation by 10% instead.

 208, 191, 191

 208, 191, 191

255, 255, 255

 180, 164, 164

 255, 247, 247

 154, 138, 138


 128, 112, 112

 102, 88, 88

 78, 64, 65


 55, 42, 43

 34, 22, 22

 1, 0, 0

 0, 0, 0

 208, 191, 191

 208, 191, 191

 208, 170, 170


 208, 210, 212

 208, 149, 149

 208, 221, 233

 208, 129, 129

 208, 231, 253

 208, 108, 108

 208, 232, 255

 208, 87, 87

 208, 66, 66

 208, 45, 45

 208, 25, 25

 208, 4, 4

Harmonies

Analogous

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



206, 191, 197



208, 191, 191



207, 194, 186

Triad

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



208, 191, 191



187, 197, 195



187, 193, 206

Complementary

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



208, 191, 191



191, 200, 208

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.



182, 191, 204



208, 191, 191



183, 192, 198

Square

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



208, 191, 191



184, 196, 184



181, 190, 199



194, 194, 206

Rectangle

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



208, 191, 191



204, 200, 184



181, 190, 199



185, 193, 206

Sweetspot

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



208, 191, 191



255, 250, 250



208, 191, 208



128, 125, 125



0, 0, 0



128, 128, 128

Same Dimension

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



208, 191, 191



255, 230, 230



206, 208, 191



105, 94, 94



168, 0, 0



41, 0, 0

Inverse Universe

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



191, 200, 208



230, 243, 255



191, 197, 208



94, 100, 105



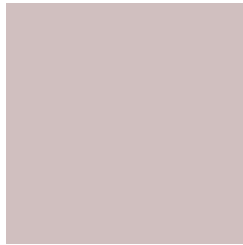
0, 84, 168



0, 21, 41

Previews

White Background



This preview shows how the RYB color 208, 191, 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 208, 191, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

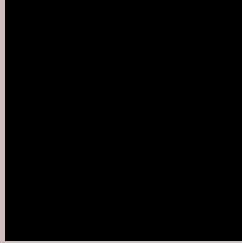
Any Text WCAG AA ✓ Pass

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 208, 191, 191 Background



This preview shows how black text looks on a background with the RYB color 208, 191, 191.



This preview shows how white text looks on a background with the RYB color 208, 191, 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
208, 191, 191

Protanopia
199, 194, 193

Deuteranopia
215, 189, 191



Tritanopia
210, 189, 204

Trichromacy



Original Color

208, 191, 191

Protanomaly

202, 193, 192

Deuteranomaly

212, 190, 191

Tritanomaly

209, 190, 199

Monochromacy



Original Color

208, 191, 191

Achromatopsia

196, 196, 196

Achromatomaly

200, 194, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 191, 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(208, 191, 191) looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 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(208, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 191) }
```

Border

The CSS property to change the border of an element to RYB 208, 191, 191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

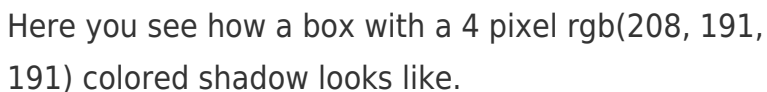
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 191, 191) }
```

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

```
.border{ border-color:rgb(208, 191, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 191, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 191, 191); box-shadow:4px 4px 4px 4px rgb(208, 191, 191) }
```

Background

The CSS property to change the background color of an element to RYB 208, 191, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 191) }
```

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

```
.background{ background-color: rgb(208,  
191, 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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