

Converting Colors

`RYB(209, 193, 188)`

Have a look what the booklet for RYB(209, 193, 188) contains.

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Color

R_YB(209, 193, 188)

Conversions

Conversions Part 1

Format	Color
Hex	D1C0BC
RGB	209, 192, 188
RGB Percent	82%, 75%, 74%
CMY	0.1804, 0.2469, 0.2627
CMYK	0.00, 0.08, 0.10, 0.18
HSL	12°, 19%, 78%
HSV	12°, 10%, 82%
XYZ	54.2297, 54.9023, 55.3159
YIQ	196.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

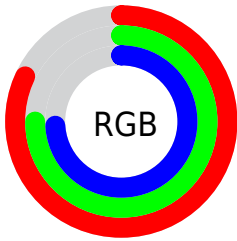
Format	Color
R _Y B	209, 193, 188
Decimal	13746364
CIE Lab	78.98, 5.28, 4.18
CIE LCh	79, 6.739, 38.357
Yxy	54.9023, 0.3298, 0.3339
Android (android.graphics.Color)	4291936444 (0xFFD1C0BC)
YUV	196.6270, -4.2531, 10.8511
Hunter-Lab	74.0961, 0.9730, 7.6047

Details

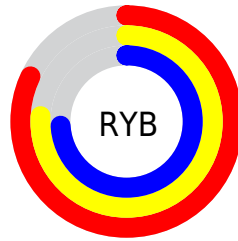
The RYB color **209, 193, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 197, 209**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 250, 244**, and **154, 140, 135** is the 20% darker color. If you saturate the color by 10%, you get **209, 177, 167**, and if you desaturate by 10%, it is **209, 209, 209**.

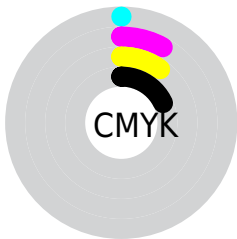
Distribution



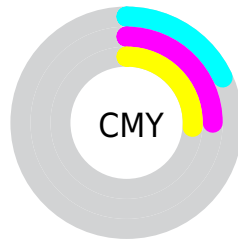
- Red (82%)
- Green (75%)
- Blue (74%)



- Red (82%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 193, 188 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 209, 193, 188 by changing the saturation by 10% instead.


 209, 193, 188

255, 255, 255

 255, 250, 244

 209, 193, 188

 181, 166, 161

 154, 140, 135

 128, 114, 110

 103, 90, 85

 79, 66, 62

 56, 44, 40

 34, 24, 20

 2, 0, 0

 0, 0, 0

 209, 193, 188


 209, 193, 188

 209, 177, 167

 209, 209, 209

 209, 161, 146

 209, 218, 230

 209, 145, 125

 209, 228, 251

 209, 130, 104

 209, 232, 255

 209, 114, 84

 209, 98, 63

 209, 82, 42

 209, 66, 21

 209, 49, 0

Harmonies

Analogous

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



209, 191, 194



209, 193, 188



205, 203, 184

Triad

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



209, 193, 188



185, 195, 199



191, 194, 208

Complementary

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



209, 193, 188



188, 197, 209

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.



185, 193, 207



209, 193, 188



181, 191, 199

Square

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



209, 193, 188



186, 198, 192



181, 191, 203



199, 193, 205

Rectangle

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



209, 193, 188



192, 201, 183



181, 191, 203



189, 194, 208

Sweetspot

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



209, 193, 188



255, 250, 247



209, 188, 205



128, 123, 122



0, 0, 0



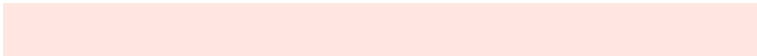
128, 128, 128

Same Dimension

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



209, 193, 188



255, 231, 224



199, 209, 188



105, 96, 94



168, 40, 0



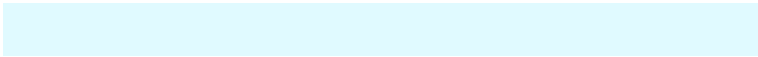
41, 10, 0

Inverse Universe

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



188, 197, 209



224, 238, 255



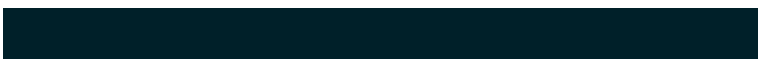
188, 193, 209



94, 99, 105



0, 75, 168



0, 18, 41

Previews

White Background



This preview shows how the RYB color 209, 193, 188 looks on a white background.

Color Contrast Check

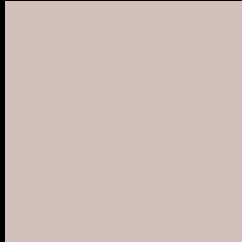
Large Text (above 18pt) WCAG AA × Fail

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 209, 193, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

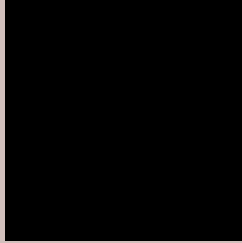
Any Text WCAG AA ✓ Pass

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 209, 193, 188 Background



This preview shows how black text looks on a background with the RYB color 209, 193, 188.



This preview shows how white text looks on a background with the RYB color 209, 193, 188.

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
209, 193, 188

Protanopia
200, 200, 190

Deuteranopia
217, 189, 189



Tritanopia
211, 190, 204

Trichromacy



Original Color
209, 193, 188

Protanomaly
203, 197, 189

Deuteranomaly
214, 190, 189

Tritanomaly
210, 191, 198

Monochromacy



Original Color
209, 193, 188

Achromatopsia
197, 197, 197

Achromatomaly
201, 195, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 193, 188 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(209, 192, 188) looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 188)  
}
```

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(209, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 188) }
```

Border

The CSS property to change the border of an element to RYB 209, 193, 188 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(209, 192, 188) }
```

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

```
.border{ border-color:rgb(209, 192, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 192, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 192, 188); box-shadow:4px 4px 4px 4px rgb(209, 192, 188) }
```

Background

The CSS property to change the background color of an element to RYB 209, 193, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 188) }
```

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

```
.background{ background-color: rgb(209,  
192, 188) }
```

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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