

Converting Colors

`RYB(202, 188, 189)`

Have a look what the booklet for
RYB(202, 188, 189) contains.

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Color

R_YB(202, 188, 189)

Conversions

Conversions Part 1

Format	Color
Hex	CABCBD
RGB	202, 188, 189
RGB Percent	79%, 74%, 74%
CMY	0.2078, 0.2627, 0.2588
CMYK	0.00, 0.07, 0.06, 0.21
HSL	356°, 12%, 76%
HSV	356°, 7%, 79%
XYZ	51.5256, 52.1971, 55.5035
YIQ	192.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

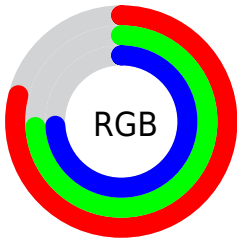
Format	Color
R _Y B	202, 188, 189
Decimal	13286589
CIE Lab	77.40, 5.11, 1.27
CIE LCh	77, 5.266, 13.915
Yxy	52.1971, 0.3236, 0.3278
Android (android.graphics.Color)	4291476669 (0xFFCABCBD)
YUV	192.3000, -1.6269, 8.5069
Hunter-Lab	72.2476, 0.8697, 5.0244

Details

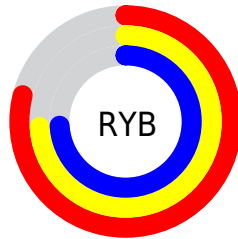
The RYB color **202, 188, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 195, 202**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 244, 245**, and **148, 135, 136** is the 20% darker color. If you saturate the color by 10%, you get **202, 168, 170**, and if you desaturate by 10%, it is **202, 205, 208**.

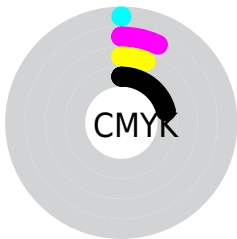
Distribution



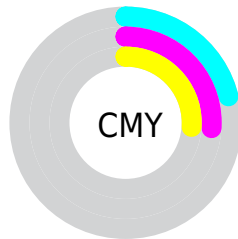
- Red (79%)
- Green (74%)
- Blue (74%)



- Red (79%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 188, 189 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 202, 188, 189 by changing the saturation by 10% instead.

 202, 188, 189


255, 255, 255

 255, 244, 245

 202, 188, 189


 175, 161, 162

 148, 135, 136

 122, 109, 110

 97, 85, 86


 73, 62, 63


 51, 40, 41

 30, 20, 21


 0, 0, 0

 202, 188, 189


 202, 188, 189

 202, 168, 170


 202, 205, 208

 202, 148, 151


 202, 215, 228

 202, 127, 133

 202, 227, 249

 202, 107, 114

 202, 229, 255

 202, 87, 95

 202, 67, 76

 202, 47, 58

 202, 26, 39

 202, 6, 20

Harmonies

Analogous

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



200, 188, 194



202, 188, 189



201, 190, 185

Triad

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



202, 188, 189



184, 193, 190



184, 189, 200

Complementary

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



202, 188, 189



188, 195, 202

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.



180, 188, 198



202, 188, 189



182, 190, 194

Square

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



202, 188, 189



183, 193, 182



180, 187, 194



189, 191, 201

Rectangle

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



202, 188, 189



199, 193, 183



180, 187, 194



182, 189, 200

Sweetspot

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



202, 188, 189



255, 250, 250



201, 188, 202



128, 125, 125



0, 0, 0



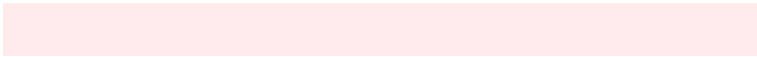
128, 128, 128

Same Dimension

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



202, 188, 189



255, 235, 236



202, 199, 188



102, 92, 93



166, 0, 12



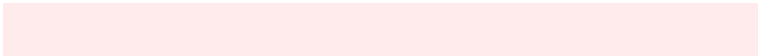
38, 0, 3

Inverse Universe

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



202, 188, 189



255, 235, 236



188, 193, 202



102, 92, 93



166, 0, 12



38, 0, 3

Previews

White Background



This preview shows how the RYB color 202, 188, 189 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 202, 188, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

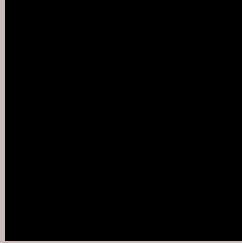
Any Text WCAG AA ✓ Pass

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 202, 188, 189 Background



This preview shows how black text looks on a background with the RYB color 202, 188, 189.



This preview shows how white text looks on a background with the RYB color 202, 188, 189.

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
202, 188, 189

Protanopia
195, 190, 190

Deuteranopia
210, 185, 190



Tritanopia
204, 186, 201

Trichromacy



Original Color

202, 188, 189

Protanomaly

198, 189, 190

Deuteranomaly

207, 186, 190

Tritanomaly

203, 187, 197

Monochromacy



Original Color

202, 188, 189

Achromatopsia

192, 192, 192

Achromatomaly

196, 191, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 188, 189 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(202, 188, 189) looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 189)  
}
```

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(202, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 189) }
```

Border

The CSS property to change the border of an element to RYB 202, 188, 189 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(202, 188, 189) }
```

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

```
.border{ border-color:rgb(202, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 202, 188, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 189) }
```

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

```
.background{ background-color: rgb(202,  
188, 189) }
```

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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