

Converting Colors

`RYB(202, 186, 186)`

Have a look what the booklet for
RYB(202, 186, 186) contains.

RYB(202, 186, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(202, 186, 186)

Conversions

Conversions Part 1

Format	Color
Hex	CABABA
RGB	202, 186, 186
RGB Percent	79%, 73%, 73%
CMY	0.2078, 0.2706, 0.2706
CMYK	0.00, 0.08, 0.08, 0.21
HSL	0°, 13%, 76%
HSV	0°, 8%, 79%
XYZ	50.7790, 51.2195, 53.6644
YIQ	190.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

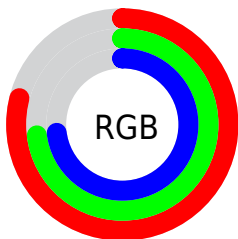
Format	Color
R _Y B	202, 186, 186
Decimal	13286074
CIE Lab	76.81, 5.66, 2.04
CIE LCh	77, 6.018, 19.807
Yxy	51.2195, 0.3262, 0.3290
Android (android.graphics.Color)	4291476154 (0xFFCABABA)
YUV	190.7840, -2.3585, 9.8364
Hunter-Lab	71.5678, 1.4060, 5.6395

Details

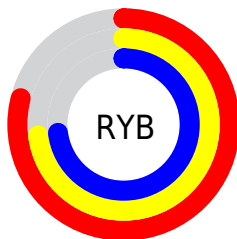
The RYB color **202, 186, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 194, 202**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 242, 242**, and **148, 133, 133** is the 20% darker color. If you saturate the color by 10%, you get **202, 166, 166**, and if you desaturate by 10%, it is **202, 204, 206**.

Distribution



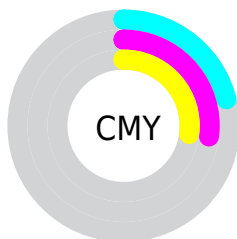
- Red (79%)
- Green (73%)
- Blue (73%)



- Red (79%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 186, 186 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, 186, 186 by changing the saturation by 10% instead.

■ 202, 186, 186

■ 202, 186, 186

255, 255, 255

■ 175, 159, 159

■ 255, 242, 242

■ 148, 133, 133

■ 122, 108, 108

■ 97, 83, 84

■ 73, 60, 60


■ 51, 39, 39

■ 30, 18, 18


■ 0, 0, 0

■ 202, 186, 186


■ 202, 186, 186

 202, 166, 166


 202, 204, 206

 202, 146, 146

 202, 214, 226


 202, 125, 125


 202, 225, 247


 202, 105, 105

 202, 229, 255

 202, 85, 85

 202, 65, 65

 202, 45, 45

 202, 24, 24

 202, 4, 4

Harmonies

Analogous

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



200, 186, 192



202, 186, 186



201, 190, 181

Triad

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



202, 186, 186



182, 192, 190



182, 188, 200

Complementary

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



202, 186, 186



186, 194, 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.



177, 186, 198



202, 186, 186



179, 188, 193

Square

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



202, 186, 186



179, 190, 179



176, 185, 193



188, 189, 200

Rectangle

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



202, 186, 186



198, 196, 179



176, 185, 193



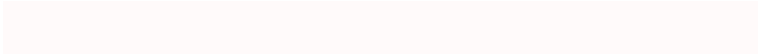
180, 187, 200

Sweetspot

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



202, 186, 186



255, 250, 250



202, 186, 202



128, 125, 125



0, 0, 0



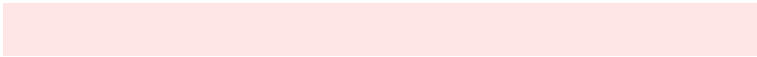
128, 128, 128

Same Dimension

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



202, 186, 186



255, 230, 230



202, 202, 186



102, 92, 92



166, 0, 0



38, 0, 0

Inverse Universe

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



186, 194, 202



230, 243, 255



186, 191, 202



92, 97, 102



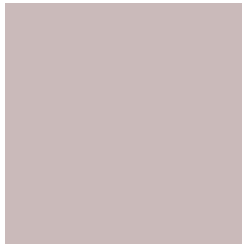
0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 202, 186, 186 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, 186, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

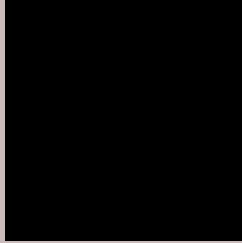
Any Text WCAG AA ✓ Pass

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, 186, 186 Background



This preview shows how black text looks on a background with the RYB color 202, 186, 186.



This preview shows how white text looks on a background with the RYB color 202, 186, 186.

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, 186, 186

Protanopia

193, 189, 188

Deuteranopia

209, 183, 186



Tritanopia
204, 184, 199

Trichromacy



Original Color

202, 186, 186

Protanomaly

196, 188, 187

Deuteranomaly

206, 184, 186

Tritanomaly

203, 185, 194

Monochromacy



Original Color

202, 186, 186

Achromatopsia

191, 191, 191

Achromatomaly

195, 189, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 186, 186 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, 186, 186) looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 186)  
}
```

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, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 186) }
```

Border

The CSS property to change the border of an element to RYB 202, 186, 186 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, 186, 186) }
```

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

```
.border{ border-color:rgb(202, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 202, 186, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 186) }
```

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

```
.background{ background-color: rgb(202,  
186, 186) }
```

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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