

Converting Colors

`RYB(204, 202, 203)`

Have a look what the booklet for
RYB(204, 202, 203) contains.

RYB(204, 202, 203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

R_YB(204, 202, 203)

Conversions

Conversions Part 1

Format	Color
Hex	CCCACB
RGB	204, 202, 203
RGB Percent	80%, 79%, 80%
CMY	0.2000, 0.2078, 0.2039
CMYK	0.00, 0.01, 0.00, 0.20
HSL	330°, 2%, 80%
HSV	330°, 1%, 80%
XYZ	56.8019, 59.3902, 64.9696
YIQ	202.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

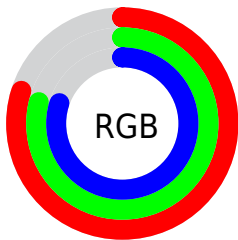
Format	Color
R_YB	204, 202, 203
Decimal	13421259
CIE Lab	81.51, 0.87, -0.26
CIE LCh	82, 0.913, 343.280
Yxy	59.3902, 0.3135, 0.3278
Android (android.graphics.Color)	4291611339 (0xFFCCCACB)
YUV	202.7120, 0.1420, 1.1296
Hunter-Lab	77.0651, -3.2980, 3.9612

Details

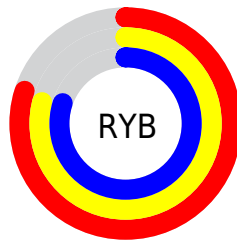
The RYB color **204, 202, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 203, 204**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 148, 149** is the 20% darker color. If you saturate the color by 10%, you get **204, 182, 193**, and if you desaturate by 10%, it is **204, 216, 222**.

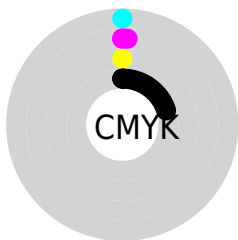
Distribution



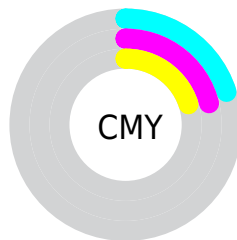
- Red (80%)
- Green (79%)
- Blue (80%)



- Red (80%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 202, 203 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 204, 202, 203 by changing the saturation by 10% instead.

■ 204, 202, 203

255, 255, 255

■ 204, 202, 203

■ 177, 175, 176

■ 150, 148, 149

■ 124, 122, 123

■ 99, 97, 98

■ 75, 74, 75

■ 53, 51, 52


■ 32, 30, 31

■ 7, 5, 6

■ 0, 0, 0

 204, 202, 203


 204, 202, 203

 204, 182, 193


 204, 216, 222

 204, 161, 183


 204, 230, 243

 204, 141, 172

 204, 236, 255

 204, 120, 162


 204, 233, 255

 204, 100, 152

 204, 230, 255

 204, 80, 142

 204, 230, 255

 204, 59, 132

 204, 39, 121

 204, 18, 111

Harmonies

Analogous

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



203, 202, 204



204, 202, 203



204, 202, 202

Triad

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



204, 202, 203



201, 203, 201



201, 202, 204

Complementary

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



204, 202, 203



202, 203, 204

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.



201, 202, 203



204, 202, 203



201, 203, 202

Square

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



204, 202, 203



204, 203, 201



201, 202, 203



201, 202, 204

Rectangle

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



204, 202, 203



204, 202, 202



201, 202, 203



201, 202, 203

Sweetspot

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



204, 202, 203

255, 255, 255



203, 202, 204



128, 128, 128



0, 0, 0

Same Dimension

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



204, 202, 203



255, 252, 254



204, 202, 202



102, 101, 101



166, 0, 83



38, 0, 19

Inverse Universe

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



204, 202, 203



255, 252, 254



202, 203, 204



102, 101, 101



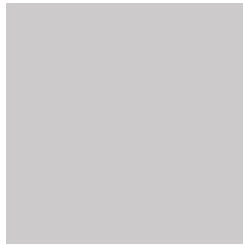
166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RYB color 204, 202, 203 looks on a white background.

Color Contrast Check

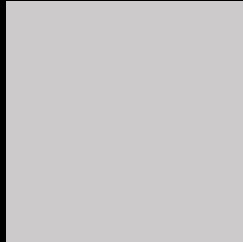
Large Text (above 18pt) WCAG AA × Fail

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 204, 202, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

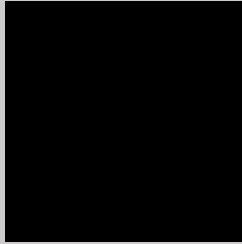
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

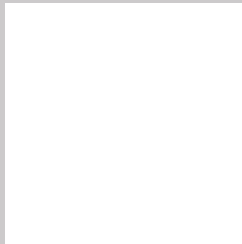
Any Text WCAG AAA ✓ Pass

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

RYB 204, 202, 203 Background



This preview shows how black text looks on a background with the RYB color 204, 202, 203.

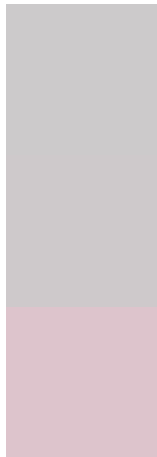


This preview shows how white text looks on a background with the RYB color 204, 202, 203.

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
204, 202, 203

Protanopia
206, 201, 203

Deuteranopia
221, 196, 204



Tritanopia
206, 200, 216

Trichromacy



Original Color

204, 202, 203

Protanomaly

205, 201, 203

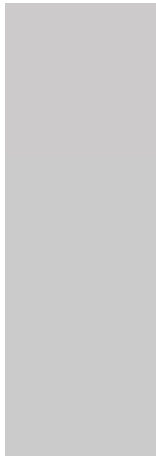
Deuteranomaly

215, 198, 204

Tritanomaly

205, 201, 211

Monochromacy



Original Color

204, 202, 203

Achromatopsia

203, 203, 203

Achromatomaly

203, 203, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 202, 203 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(204, 202, 203) looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 203)  
}
```

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(204, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 203) }
```

Border

The CSS property to change the border of an element to RYB 204, 202, 203 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(204, 202, 203) }
```

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

```
.border{ border-color:rgb(204, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 204, 202, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 203) }
```

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

```
.background{ background-color: rgb(204,  
202, 203) }
```

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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