

Converting Colors

`RYB(209, 203, 206)`

Have a look what the booklet for
RYB(209, 203, 206) contains.

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Color

R_YB(209, 203, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D1CBCE
RGB	209, 203, 206
RGB Percent	82%, 80%, 81%
CMY	0.1804, 0.2039, 0.1922
CMYK	0.00, 0.03, 0.01, 0.18
HSL	330°, 6%, 81%
HSV	330°, 3%, 82%
XYZ	58.7910, 60.7234, 67.0147
YIQ	205.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

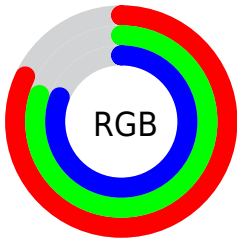
Format	Color
RYP	209, 203, 206
Decimal	13749198
CIELab	82.23, 2.61, -0.76
CIElCh	82, 2.722, 343.730
Yxy	60.7234, 0.3152, 0.3255
Android (android.graphics.Color)	4291939278 (0xFFD1CBCE)
YUV	205.1360, 0.4260, 3.3887
Hunter-Lab	77.9252, -1.6991, 3.5590

Details

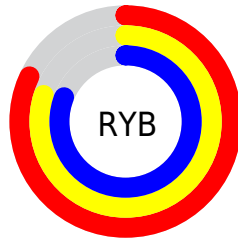
The RYB color **209, 203, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 207, 209**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 255, 255, and **155, 149, 152** is the 20% darker color. If you saturate the color by 10%, you get **209, 182, 196**, and if you desaturate by 10%, it is **209, 219, 224**.

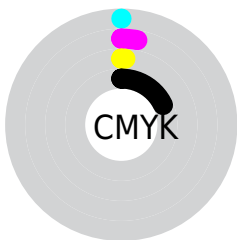
Distribution



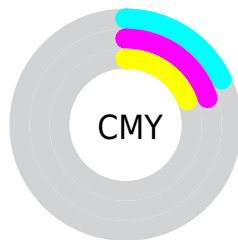
- Red (82%)
- Green (80%)
- Blue (81%)



- Red (82%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 203, 206 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, 203, 206 by changing the saturation by 10% instead.

■ 209, 203, 206

255, 255, 255

■ 209, 203, 206

■ 181, 176, 179

■ 155, 149, 152

■ 129, 123, 126

■ 104, 98, 101

■ 80, 75, 77

■ 57, 52, 54


■ 35, 31, 33

■ 14, 6, 10

■ 0, 0, 0

 209, 203, 206

 209, 203, 206

 209, 182, 196


 209, 219, 224

 209, 161, 185

 209, 233, 245

 209, 140, 175

 209, 238, 255

 209, 119, 164

 209, 234, 255

 209, 98, 154

 209, 232, 255

 209, 78, 143

 209, 57, 133

 209, 36, 122

 209, 15, 112

Harmonies

Analogous

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



207, 204, 208



209, 203, 206



210, 203, 203

Triad

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



209, 203, 206



201, 206, 200



199, 203, 208

Complementary

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



209, 203, 206



203, 207, 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.



199, 203, 206



209, 203, 206



201, 205, 204

Square

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



209, 203, 206



208, 208, 200



200, 204, 206



201, 204, 209

Rectangle

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



209, 203, 206



210, 203, 202



200, 204, 206



199, 203, 207

Sweetspot

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



209, 203, 206



255, 252, 254



206, 203, 209



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



209, 203, 206



255, 247, 251



209, 203, 203



105, 100, 102



168, 0, 84



41, 0, 20

Inverse Universe

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



209, 203, 206



255, 247, 251



203, 206, 209



105, 100, 102



168, 0, 84



41, 0, 20

Previews

White Background



This preview shows how the RYB color 209, 203, 206 looks on a white background.

Color Contrast Check

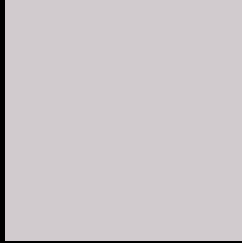
Large Text (above 18pt) WCAG AA × Fail

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, 203, 206 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

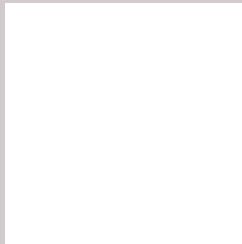
Any Text WCAG AAA ✓ Pass

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

RYB 209, 203, 206 Background



This preview shows how black text looks on a background with the RYB color 209, 203, 206.

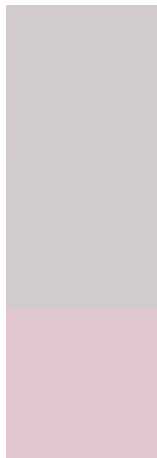


This preview shows how white text looks on a background with the RYB color 209, 203, 206.

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](#), [203](#), [206](#)

Protanopia
[207](#), [203](#), [206](#)

Deuteranopia
[223](#), [198](#), [207](#)



Tritanopia
211, 201, 217

Trichromacy



Original Color

209, 203, 206

Protanomaly

208, 203, 206

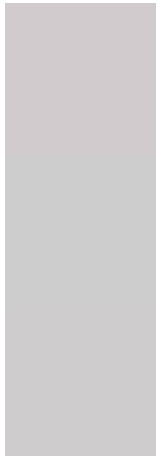
Deuteranomaly

218, 200, 207

Tritanomaly

210, 202, 213

Monochromacy



Original Color

209, 203, 206

Achromatopsia

205, 205, 205

Achromatomaly

206, 204, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 203, 206 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, 203, 206) looks like.

```
.text, #text, p{  
    color:rgb(209, 203, 206)  
}
```

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, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 203, 206) }
```

Border

The CSS property to change the border of an element to RYB 209, 203, 206 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, 203, 206) }
```

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

```
.border{ border-color:rgb(209, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 203,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 209, 203, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 203, 206) }
```

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

```
.background{ background-color: rgb(209,  
203, 206) }
```

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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