

Converting Colors

`RYB(209, 210, 207)`

Have a look what the booklet for
RYB(209, 210, 207) contains.

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Color

R_{YB}(209, 210, 207)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1CF
RGB	210, 209, 207
RGB Percent	82%, 82%, 81%
CMY	0.1765, 0.1812, 0.1882
CMYK	0.00, 0.01, 0.01, 0.18
HSL	36°, 3%, 82%
HSV	36°, 1%, 82%
XYZ	60.5923, 63.7095, 68.1351
YIQ	209.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

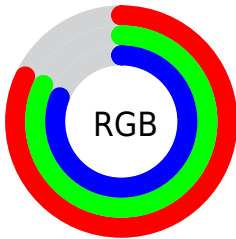
Format	Color
R _Y B	209, 210, 207
Decimal	13816271
CIE Lab	83.81, 0.09, 1.03
CIE LCh	84, 1.030, 84.950
Yxy	63.7095, 0.3149, 0.3311
Android (android.graphics.Color)	4292006351 (0xFFD2D1CF)
YUV	209.0710, -1.0210, 0.8147
Hunter-Lab	79.8182, -4.1775, 5.2611

Details

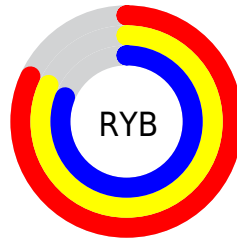
The RYB color **209, 210, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 208, 210**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 156, 153** is the 20% darker color. If you saturate the color by 10%, you get **203, 210, 186**, and if you desaturate by 10%, it is **210, 215, 228**.

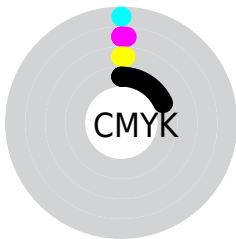
Distribution



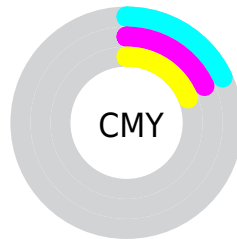
- Red (82%)
- Green (82%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 210, 207 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, 210, 207 by changing the saturation by 10% instead.

■ 209, 210, 207

255, 255, 255

■ 209, 210, 207

■ 181, 182, 179

■ 156, 155, 153

■ 130, 129, 127

■ 104, 104, 102

■ 80, 80, 78

■ 55, 57, 55

■ 36, 36, 34

■ 15, 15, 11

■ 0, 0, 0

 209, 210, 207

 209, 210, 207

 203, 210, 186

 210, 215, 228

 195, 210, 165

 210, 221, 249

 187, 210, 144


 210, 226, 255

 182, 210, 123


 210, 229, 255

 173, 210, 102


 210, 231, 255

 168, 210, 81

 210, 233, 255

 160, 210, 60

 152, 210, 39

 147, 210, 18

Harmonies

Analogous

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



211, 211, 207



209, 210, 207



207, 209, 207

Triad

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



209, 210, 207



207, 209, 210



210, 208, 210

Complementary

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



209, 210, 207



207, 208, 210

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.



209, 209, 211



209, 210, 207



207, 208, 210

Square

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



209, 210, 207



207, 209, 210



208, 209, 211



211, 208, 209

Rectangle

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



209, 210, 207



208, 209, 209



208, 209, 211



210, 209, 210

Sweetspot

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



209, 210, 207

255, 255, 255



210, 207, 208



128, 128, 128



0, 0, 0

Same Dimension

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



209, 210, 207



253, 255, 250



207, 210, 207



104, 105, 102



111, 168, 0



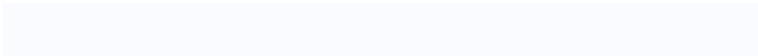
29, 41, 0

Inverse Universe

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



207, 208, 210



250, 251, 255



207, 207, 210



102, 103, 105



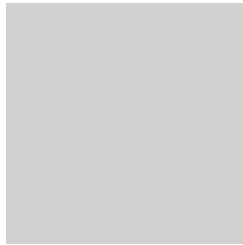
0, 48, 168



0, 12, 41

Previews

White Background



This preview shows how the RYB color 209, 210, 207 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, 210, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

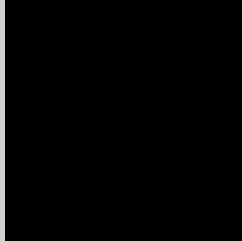
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

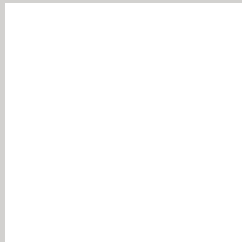
Any Text WCAG AAA ✓ Pass

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

R Y B 209, 210, 207 Background



This preview shows how black text looks on a background with the R Y B color 209, 210, 207.

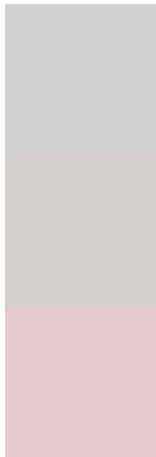


This preview shows how white text looks on a background with the R Y B color 209, 210, 207.

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, 210, 207

Protanopia
213, 209, 206

Deuteranopia
229, 202, 208



Tritanopia
212, 206, 223

Trichromacy



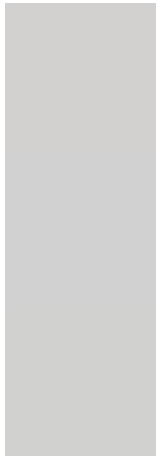
Original Color
209, 210, 207

Protanomaly
212, 209, 206

Deuteranomaly
222, 204, 208

Tritanomaly
211, 207, 217

Monochromacy



Original Color
209, 210, 207

Achromatopsia
209, 209, 209

Achromatomaly
208, 209, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 210, 207 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(210, 209, 207) looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 207)  
}
```

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(210, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 207) }
```

Border

The CSS property to change the border of an element to RYB 209, 210, 207 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(210, 209, 207) }
```

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

```
.border{ border-color:rgb(210, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 209, 210, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 207) }
```

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

```
.background{ background-color: rgb(210,  
209, 207) }
```

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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