

Converting Colors

RYB(207, 209, 213)

Have a look what the booklet for
RYB(207, 209, 213) contains.

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Color

R_YB(207, 209, 213)

Conversions

Conversions Part 1

Format	Color
Hex	CFD2D5
RGB	207, 210, 213
RGB Percent	81%, 82%, 84%
CMY	0.1882, 0.1765, 0.1647
CMYK	0.03, 0.01, 0.00, 0.16
HSL	210°, 7%, 82%
HSV	210°, 3%, 84%
XYZ	60.7890, 64.1627, 72.1315
YIQ	209.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

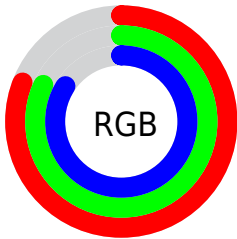
Format	Color
R_{YB}	207, 209, 213
Decimal	13619925
CIE _{Lab}	84.05, -0.46, -1.85
CIE _{LCh}	84, 1.905, 255.966
Yxy	64.1627, 0.3084, 0.3256
Android (android.graphics.Color)	4291810005 (0xFFCFD2D5)
YUV	209.4450, 1.7526, -2.1443
Hunter-Lab	80.1016, -4.7145, 2.6805

Details

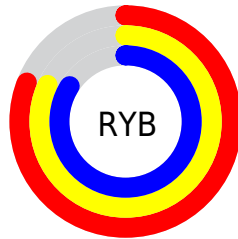
The RYB color **207, 209, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 213, 207**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 155, 158** is the 20% darker color. If you saturate the color by 10%, you get **186, 195, 213**, and if you desaturate by 10%, it is **226, 228, 213**.

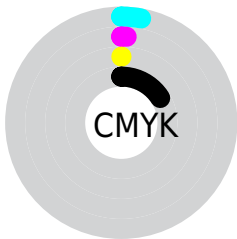
Distribution



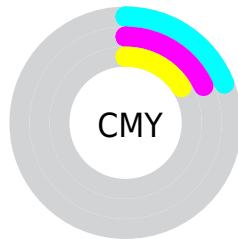
- Red (81%)
- Green (82%)
- Blue (84%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 209, 213 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 207, 209, 213 by changing the saturation by 10% instead.

■ 207, 209, 213

255, 255, 255

■ 207, 209, 213

■ 179, 181, 185

■ 153, 155, 158

■ 127, 129, 132

■ 102, 103, 107

■ 78, 79, 83

■ 55, 57, 60


■ 34, 35, 38

■ 11, 14, 18


■ 0, 0, 0

 207, 209, 213

 207, 209, 213

 186, 195, 213


 226, 228, 213

 164, 181, 213


 250, 248, 213

 143, 166, 213


 232, 255, 213


 122, 152, 213

 215, 255, 213

 101, 138, 213

 213, 255, 213

 79, 124, 213

 58, 109, 213

 37, 96, 213

 15, 81, 213

Harmonies

Analogous

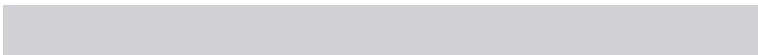
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 208, 212



207, 209, 213



209, 209, 213

Triad

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



207, 209, 213



214, 208, 209



207, 210, 209

Complementary

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



207, 209, 213



213, 213, 207

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.



206, 210, 206



207, 209, 213



213, 210, 207

Square

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



207, 209, 213



213, 209, 210



212, 212, 206



206, 209, 211

Rectangle

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



207, 209, 213



210, 209, 212



212, 212, 206



207, 210, 208

Sweetspot

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



207, 209, 213



252, 253, 255



207, 211, 213



126, 127, 128



0, 0, 0



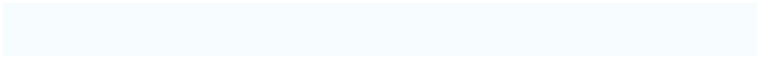
128, 128, 128

Same Dimension

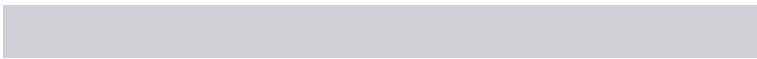
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207, 209, 213



247, 250, 255



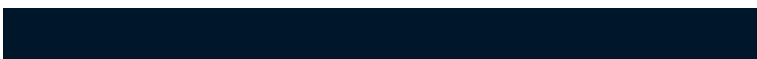
207, 207, 213



103, 104, 107



0, 57, 171



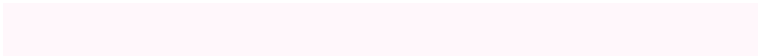
0, 15, 43

Inverse Universe

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



213, 207, 210



255, 247, 251



207, 213, 207



107, 103, 105



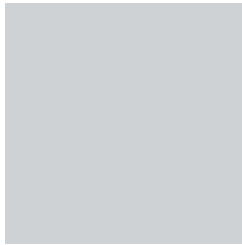
171, 0, 85



43, 0, 22

Previews

White Background



This preview shows how the RYB color 207, 209, 213 looks on a white background.

Color Contrast Check

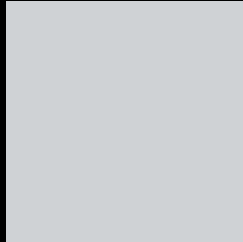
Large Text (above 18pt) WCAG AA × Fail

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 207, 209, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

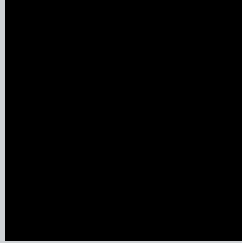
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

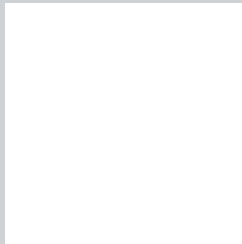
Any Text WCAG AAA ✓ Pass

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

RYB 207, 209, 213 Background



This preview shows how black text looks on a background with the RYB color 207, 209, 213.

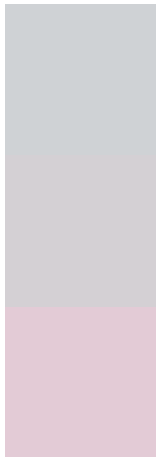


This preview shows how white text looks on a background with the RYB color 207, 209, 213.

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
[207, 209, 213](#)

Protanopia
[212, 208, 212](#)

Deuteranopia
[227, 203, 214](#)



Tritanopia
209, 208, 225

Trichromacy



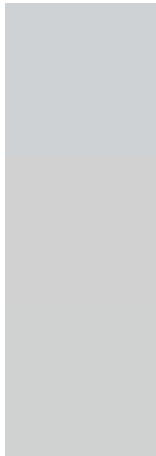
Original Color
207, 209, 213

Protanomaly
210, 209, 212

Deuteranomaly
220, 206, 214

Tritanomaly
208, 209, 221

Monochromacy



Original Color
207, 209, 213

Achromatopsia
209, 209, 209

Achromatomaly
208, 209, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 209, 213 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(207, 210, 213) looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 213)  
}
```

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(207, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 213) }
```

Border

The CSS property to change the border of an element to RYB 207, 209, 213 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(207, 210, 213) }
```

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

```
.border{ border-color:rgb(207, 210, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 207, 209, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 213) }
```

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

```
.background{ background-color: rgb(207,  
210, 213) }
```

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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