

# Converting Colors

RYB(204, 207, 214)

Have a look what the booklet for  
RYB(204, 207, 214) contains.

<b>RYB(204, 207, 214)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RYB(204, 207, 214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCD0D6
RGB	204, 208, 214
RGB Percent	80%, 82%, 84%
CMY	0.2000, 0.1832, 0.1608
CMYK	0.05, 0.03, 0.00, 0.16
HSL	214°, 11%, 82%
HSV	214°, 5%, 84%
XYZ	59.6650, 62.9436, 72.6230
YIQ	207.4880, -4.3100, 1.0180

# Conversions

## Conversions Part 2

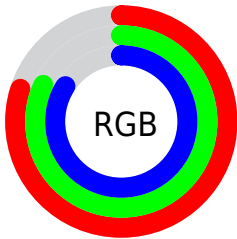
Format	Color
R <sub>Y</sub> B	204, 207, 214
Decimal	13422806
CIE Lab	83.41, -0.38, -3.34
CIE LCh	83, 3.364, 263.435
Yxy	62.9436, 0.3056, 0.3224
Android (android.graphics.Color)	4291612886 (0xFFCCD0D6)
YUV	207.4880, 3.2104, -3.0590
Hunter-Lab	79.3370, -4.5996, 1.2634

# Details

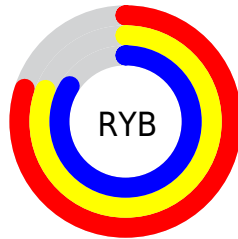
The RYB color **204, 207, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 214, 204**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 153, 159** is the 20% darker color. If you saturate the color by 10%, you get **183, 192, 214**, and if you desaturate by 10%, it is **220, 225, 214**.

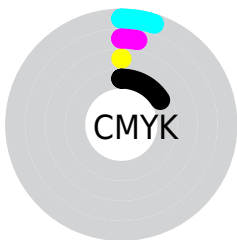
# Distribution



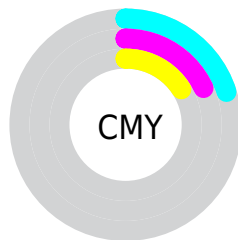
- Red (80%)
- Green (82%)
- Blue (84%)



- Red (80%)
- Yellow (81%)
- Blue (84%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 204, 207, 214 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, 207, 214 by changing the saturation by 10% instead.



■ 204, 207, 214

255, 255, 255

■ 204, 207, 214

■ 177, 180, 186

■ 150, 153, 159

■ 124, 127, 133

■ 99, 102, 108

■ 75, 78, 84

■ 53, 55, 61


■ 31, 34, 39

■ 8, 11, 18


■ 0, 0, 0

 204, 207, 214


 204, 207, 214

 183, 192, 214

 220, 225, 214

 161, 177, 214


 238, 247, 214


 140, 162, 214


 227, 255, 214

 118, 147, 214

 214, 255, 214

 97, 132, 214

 76, 117, 214

 54, 102, 214

 33, 87, 214

 11, 72, 214

# Harmonies

## Analogous

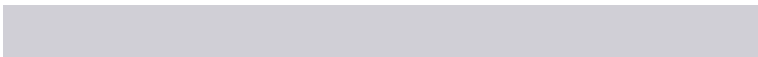
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201, 206, 213



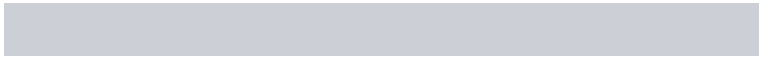
204, 207, 214



208, 207, 214

# Triad

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



204, 207, 214



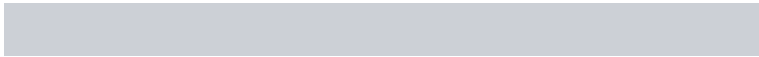
215, 206, 205



204, 209, 209

# Complementary

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



204, 207, 214



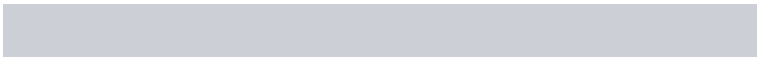
211, 214, 204

# 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.



202, 208, 202



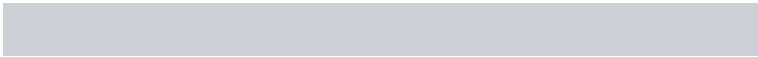
204, 207, 214



214, 207, 203

# Square

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



204, 207, 214



214, 206, 209



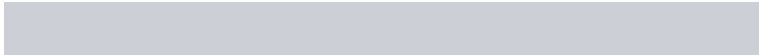
209, 211, 202



201, 206, 210

# Rectangle

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



204, 207, 214



210, 207, 212



209, 211, 202

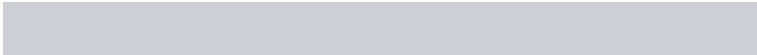


203, 209, 207



# Sweetspot

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



204, 207, 214



252, 253, 255



204, 210, 214



126, 127, 128



0, 0, 0



128, 128, 128

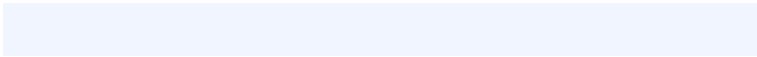


# Same Dimension

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



204, 207, 214



240, 244, 255



205, 204, 214



100, 102, 107



0, 51, 171



0, 13, 43



# Inverse Universe

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



214, 204, 208



255, 240, 246



204, 214, 205



107, 100, 103



171, 0, 73

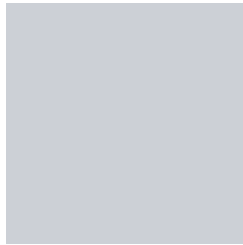


43, 0, 19



# Previews

## White Background



This preview shows how the RYB color 204, 207, 214 looks on a white background.

## Color Contrast Check

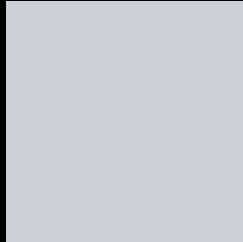
Large Text (above 18pt) WCAG AA × Fail

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, 207, 214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

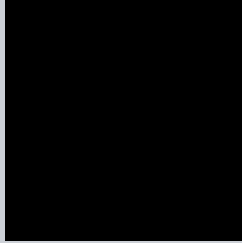
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

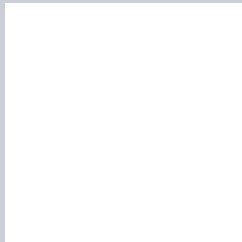
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 204, 207, 214 Background**



This preview shows how black text looks on a background with the RYB color 204, 207, 214.

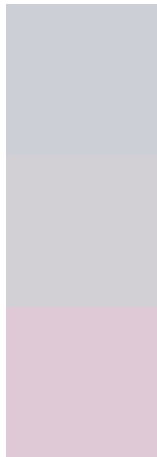


This preview shows how white text looks on a background with the RYB color 204, 207, 214.

# 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, 207, 214](#)

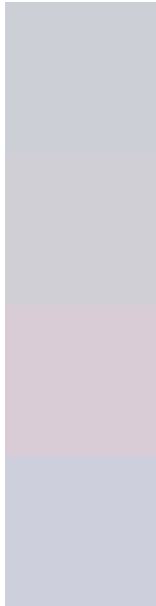
**Protanopia**  
[210, 207, 213](#)

**Deuteranopia**  
[224, 201, 215](#)



**Tritanopia**  
205, 207, 223

# Trichromacy



**Original Color**

204, 207, 214

**Protanomaly**

208, 207, 213

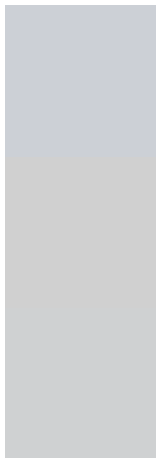
**Deuteranomaly**

217, 204, 215

**Tritanomaly**

205, 207, 220

# Monochromacy



**Original Color**

204, 207, 214

**Achromatopsia**

208, 208, 208

**Achromatomaly**

207, 208, 210

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 204, 207, 214 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, 208, 214) looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 214)  
}
```

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, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 214) }
```

## Border

The CSS property to change the border of an element to RYB 204, 207, 214 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, 208, 214) }
```

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

```
.border{ border-color:rgb(204, 208, 214) }
```

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

Here you see how a box with a 4 pixel rgb(204, 208, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 204, 208, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 214) }
```

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

```
.background{ background-color: rgb(204,  
208, 214) }
```

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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