

Converting Colors

RYB(210, 217, 211)

Have a look what the booklet for
RYB(210, 217, 211) contains.

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Color

R_YB(210, 217, 211)

Conversions

Conversions Part 1

Format	Color
Hex	D8D9D2
RGB	216, 217, 210
RGB Percent	85%, 85%, 82%
CMY	0.1529, 0.1490, 0.1765
CMYK	0.00, 0.00, 0.03, 0.15
HSL	69°, 8%, 84%
HSV	69°, 3%, 85%
XYZ	64.7646, 68.8778, 70.8540
YIQ	215.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

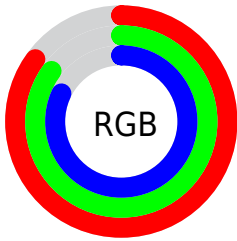
Format	Color
R_{YB}	210, 217, 211
Decimal	14211538
CIE Lab	86.44, -1.58, 3.31
CIE LCh	86, 3.672, 115.538
Yxy	68.8778, 0.3167, 0.3368
Android (android.graphics.Color)	4292401618 (0xFFD8D9D2)
YUV	215.9030, -2.9102, 0.0851
Hunter-Lab	82.9926, -5.9418, 7.4767

Details

The RYB color **210, 217, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 210, 217**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **156, 162, 157** is the 20% darker color. If you saturate the color by 10%, you get **188, 217, 192**, and if you desaturate by 10%, it is **219, 217, 232**.

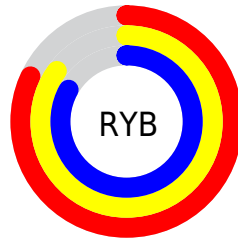
Distribution



Red (85%)

Green (85%)

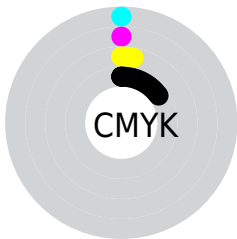
Blue (82%)



Red (82%)

Yellow (85%)

Blue (83%)

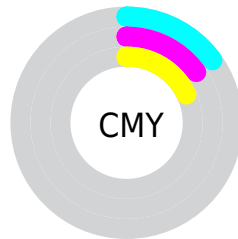


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 217, 211 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 210, 217, 211 by changing the saturation by 10% instead.

■ 210, 217, 211

255, 255, 255

■ 210, 217, 211

■ 182, 189, 183

■ 156, 162, 157

■ 130, 136, 131

■ 104, 111, 105

■ 80, 86, 81

■ 57, 63, 58

■ 36, 41, 37

■ 15, 21, 16

■ 0, 0, 0

 210, 217, 211

 210, 217, 211

 188, 217, 192

 219, 217, 232

 167, 217, 174

 222, 217, 253


 145, 217, 155

 225, 217, 255

 123, 217, 136

 228, 217, 255

 102, 217, 118

 231, 217, 255


 80, 217, 100

 235, 217, 255

 58, 217, 81

 238, 217, 255

 36, 217, 62

 241, 217, 255

 15, 217, 44

 244, 217, 255

Harmonies

Analogous

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



215, 220, 209



210, 217, 211



212, 218, 218

Triad

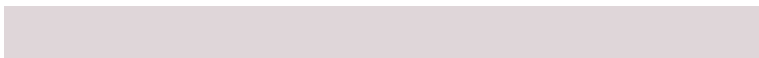
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 217, 211



209, 214, 222



223, 214, 217

Complementary

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



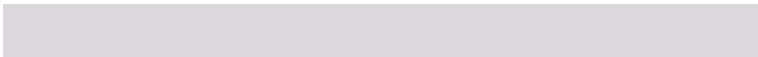
210, 217, 211



211, 210, 217

Split Complementary

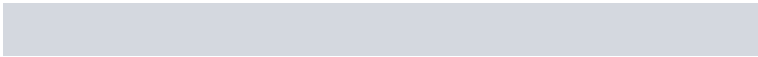
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 215, 220



210, 217, 211



212, 215, 223

Square

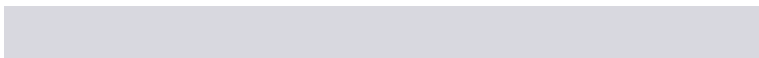
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



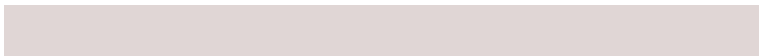
210, 217, 211



208, 213, 219



216, 216, 223



224, 214, 213

Rectangle

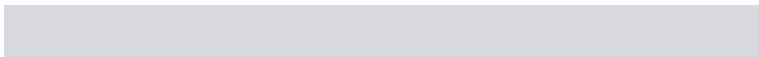
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210, 217, 211



210, 215, 218



216, 216, 223



223, 214, 218

Sweetspot

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



210, 217, 211



252, 255, 252



217, 211, 210



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



210, 217, 211



245, 255, 246



210, 217, 214



104, 110, 105



0, 173, 24



0, 46, 7

Inverse Universe

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



211, 210, 217



246, 245, 255



214, 210, 217



105, 104, 110



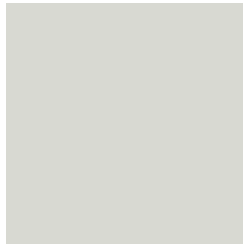
25, 0, 173



7, 0, 46

Previews

White Background



This preview shows how the RYB color 210, 217, 211 looks on a white background.

Color Contrast Check

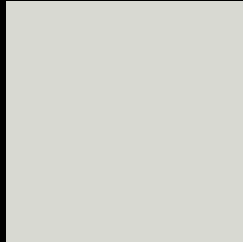
Large Text (above 18pt) WCAG AA × Fail

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 210, 217, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

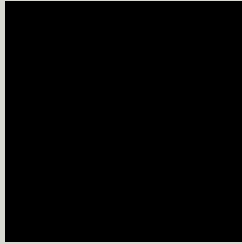
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

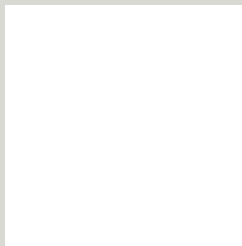
Any Text WCAG AAA ✓ Pass

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

RYB 210, 217, 211 Background



This preview shows how black text looks on a background with the RYB color 210, 217, 211.



This preview shows how white text looks on a background with the RYB color 210, 217, 211.

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





Tritanopia
219, 214, 231

Trichromacy



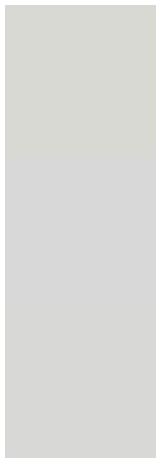
Original Color
210, 217, 211

Protanomaly
215, 220, 209

Deuteranomaly
231, 212, 211

Tritanomaly
218, 215, 223

Monochromacy



Original Color
210, 217, 211

Achromatopsia
216, 216, 216

Achromatomaly
214, 216, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 217, 211 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(216, 217, 210) looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 210)  
}
```

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(216, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 217, 211 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(216, 217, 210) }
```

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

```
.border{ border-color:rgb(216, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 217, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 217, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 217,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 210, 217, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 210) }
```

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

```
.background{ background-color: rgb(216,  
217, 210) }
```

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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