

Converting Colors

`RYB(214, 210, 217)`

Have a look what the booklet for
RYB(214, 210, 217) contains.

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Color

R_YB(214, 210, 217)

Conversions

Conversions Part 1

Format	Color
Hex	D6D2D9
RGB	214, 210, 217
RGB Percent	84%, 82%, 85%
CMY	0.1608, 0.1765, 0.1490
CMYK	0.01, 0.03, 0.00, 0.15
HSL	274°, 8%, 84%
HSV	274°, 3%, 85%
XYZ	63.3025, 65.3991, 74.9325
YIQ	211.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

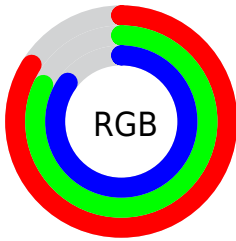
Format	Color
R_{YB}	214, 210, 217
Decimal	14078681
CIE Lab	84.69, 2.64, -2.98
CIE LCh	85, 3.980, 311.620
Yxy	65.3991, 0.3109, 0.3212
Android (android.graphics.Color)	4292268761 (0xFFD6D2D9)
YUV	211.9940, 2.4680, 1.7593
Hunter-Lab	80.8697, -1.7972, 1.6717

Details

The RYB color **214, 210, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 217, 214**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 156, 162** is the 20% darker color. If you saturate the color by 10%, you get **205, 188, 217**, and if you desaturate by 10%, it is **217, 232, 226**.

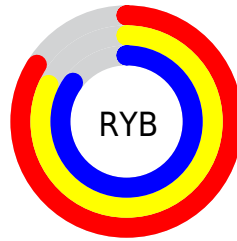
Distribution



Red (84%)

Green (82%)

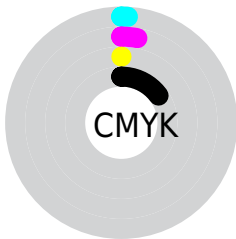
Blue (85%)



Red (84%)

Yellow (82%)

Blue (85%)

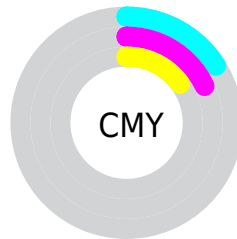


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 210, 217 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 214, 210, 217 by changing the saturation by 10% instead.

■ 214, 210, 217

255, 255, 255

■ 214, 210, 217

■ 186, 182, 189

■ 159, 156, 162

■ 133, 130, 136

■ 108, 104, 111

■ 84, 80, 86

■ 61, 57, 63


■ 39, 36, 41

■ 18, 15, 21

■ 0, 0, 0

 214, 210, 217

 214, 210, 217

 205, 188, 217


 217, 232, 226

 195, 167, 217


 217, 253, 237

 186, 145, 217


 217, 255, 230

 177, 123, 217


 217, 255, 221


 168, 102, 217

 217, 255, 217

 158, 80, 217

 149, 58, 217

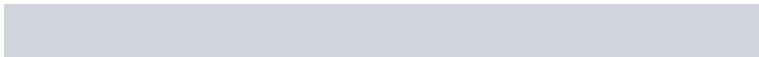
 140, 36, 217

 130, 15, 217

Harmonies

Analogous

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



209, 211, 219



214, 210, 217



218, 209, 214

Triad

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



214, 210, 217



217, 215, 204



203, 209, 214

Complementary

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



214, 210, 217



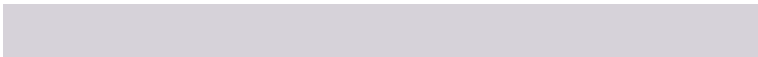
210, 217, 214

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.



205, 211, 214



214, 210, 217



205, 213, 204

Square

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



214, 210, 217



219, 209, 207



206, 213, 210



203, 209, 216

Rectangle

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



214, 210, 217



219, 209, 211



206, 213, 210



203, 209, 214

Sweetspot

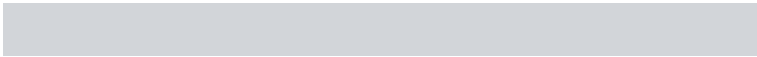
The Sweet Spot groups the original color and five complimentary colors.



214, 210, 217



254, 252, 255



210, 212, 217



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 210, 217



251, 245, 255



217, 210, 217



107, 104, 110



99, 0, 173



26, 0, 46

Inverse Universe

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



217, 210, 213



255, 245, 249



210, 217, 217



110, 104, 107



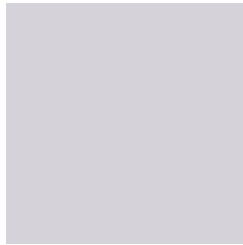
173, 0, 74



46, 0, 20

Previews

White Background



This preview shows how the RYB color 214, 210, 217 looks on a white background.

Color Contrast Check

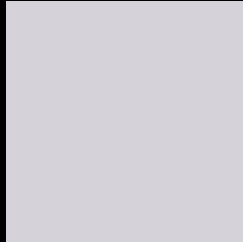
Large Text (above 18pt) WCAG AA × Fail

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 214, 210, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

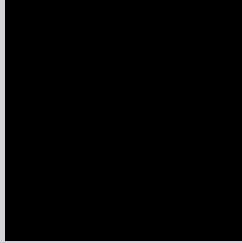
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

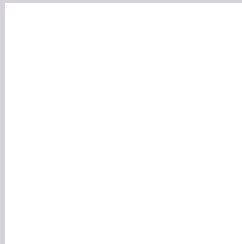
Any Text WCAG AAA ✓ Pass

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

R Y B 214, 210, 217 Background



This preview shows how black text looks on a background with the R Y B color 214, 210, 217.

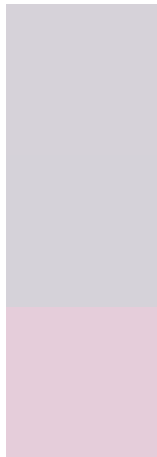


This preview shows how white text looks on a background with the R Y B color 214, 210, 217.

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
[214](#), [210](#), [217](#)

Protanopia
[213](#), [210](#), [217](#)

Deuteranopia
[229](#), [205](#), [218](#)



Tritanopia
215, 209, 225

Trichromacy



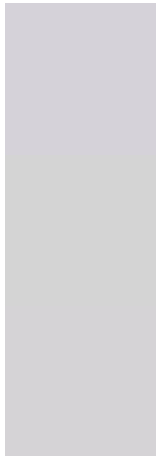
Original Color
214, 210, 217

Protanomaly
213, 210, 217

Deuteranomaly
224, 207, 218

Tritanomaly
215, 209, 222

Monochromacy



Original Color
214, 210, 217

Achromatopsia
212, 212, 212

Achromatomaly
213, 211, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 210, 217 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(214, 210, 217) looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 217)  
}
```

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(214, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 217) }
```

Border

The CSS property to change the border of an element to RYB 214, 210, 217 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(214, 210, 217) }
```

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

```
.border{ border-color:rgb(214, 210, 217) }
```

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

Here you see how a box with a 4 pixel rgb(214, 210, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 214, 210, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 217) }
```

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

```
.background{ background-color: rgb(214,  
210, 217) }
```

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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