

Converting Colors

`RYB(217, 215, 219)`

Have a look what the booklet for
RYB(217, 215, 219) contains.

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Color

RYB(217, 215, 219)

Conversions

Conversions Part 1

Format	Color
Hex	D9D7DB
RGB	217, 215, 219
RGB Percent	85%, 84%, 86%
CMY	0.1490, 0.1569, 0.1412
CMYK	0.01, 0.02, 0.00, 0.14
HSL	270°, 5%, 85%
HSV	270°, 2%, 86%
XYZ	65.7019, 68.4671, 76.7704
YIQ	216.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

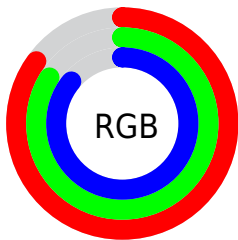
Format	Color
R _Y B	217, 215, 219
Decimal	14276571
CIE Lab	86.24, 1.41, -1.73
CIE LCh	86, 2.234, 309.091
Yxy	68.4671, 0.3115, 0.3246
Android (android.graphics.Color)	4292466651 (0xFFD9D7DB)
YUV	216.0540, 1.4524, 0.8296
Hunter-Lab	82.7448, -3.0691, 2.9123

Details

The RYB color **217, 215, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 219, 217**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 160, 164** is the 20% darker color. If you saturate the color by 10%, you get **206, 193, 219**, and if you desaturate by 10%, it is **219, 237, 228**.

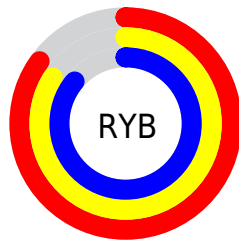
Distribution



Red (85%)

Green (84%)

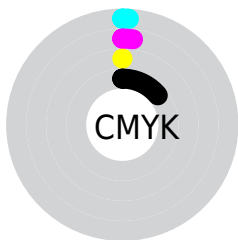
Blue (86%)



Red (85%)

Yellow (84%)

Blue (86%)

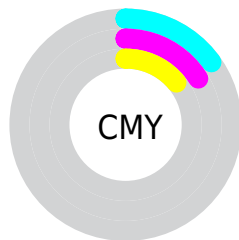


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (15%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 215, 219 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 217, 215, 219 by changing the saturation by 10% instead.

■ 217, 215, 219

255, 255, 255

■ 217, 215, 219

■ 189, 187, 191

■ 162, 160, 164

■ 136, 134, 138

■ 111, 109, 112

■ 86, 85, 88

■ 63, 61, 65

■ 41, 40, 43

■ 21, 19, 22

■ 0, 0, 0

■ 217, 215, 219

■ 217, 215, 219

■ 206, 193, 219

■ 219, 237, 228

■ 195, 171, 219

■ 219, 255, 235

■ 184, 149, 219

■ 219, 255, 224

■ 173, 127, 219

■ 219, 255, 219

■ 162, 106, 219

■ 151, 84, 219

■ 140, 62, 219

■ 129, 40, 219

■ 118, 18, 219

Harmonies

Analogous

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



214, 216, 220



217, 215, 219



219, 215, 217

Triad

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



217, 215, 219



219, 217, 212



211, 214, 217

Complementary

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



217, 215, 219



215, 219, 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.



212, 216, 217



217, 215, 219



213, 217, 212

Square

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



217, 215, 219



220, 216, 213



212, 216, 214



211, 214, 218

Rectangle

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



217, 215, 219



220, 214, 216



212, 216, 214



211, 214, 217

Sweetspot

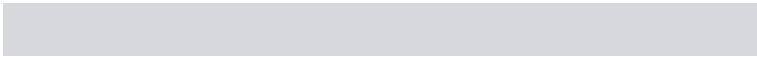
The Sweet Spot groups the original color and five complimentary colors.



217, 215, 219



254, 252, 255



215, 216, 219



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 215, 219



252, 250, 255



219, 215, 219



109, 107, 110



87, 0, 173



23, 0, 46

Inverse Universe

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



219, 215, 217



255, 250, 252



215, 219, 219



110, 107, 109



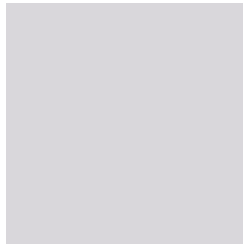
173, 0, 87



46, 0, 23

Previews

White Background



This preview shows how the RYB color 217, 215, 219 looks on a white background.

Color Contrast Check

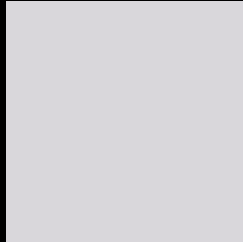
Large Text (above 18pt) WCAG AA × Fail

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 217, 215, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

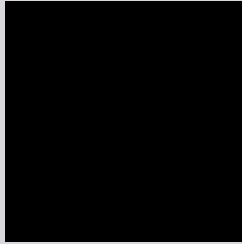
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

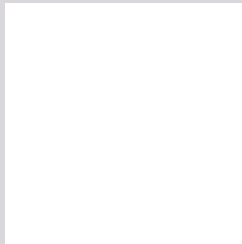
Any Text WCAG AAA ✓ Pass

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

RYB 217, 215, 219 Background



This preview shows how black text looks on a background with the RYB color 217, 215, 219.

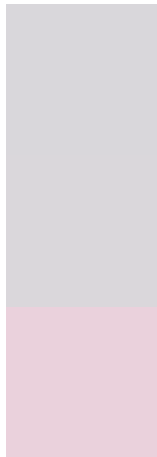


This preview shows how white text looks on a background with the RYB color 217, 215, 219.

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](#).

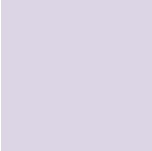
Dichromacy



Original Color
217, 215, 219

Protanopia
218, 215, 219

Deuteranopia
234, 209, 220



Tritanopia
219, 213, 230

Trichromacy



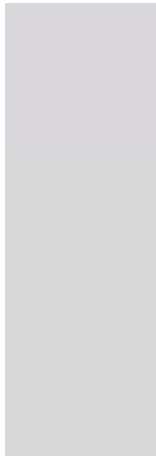
Original Color
217, 215, 219

Protanomaly
218, 215, 219

Deuteranomaly
228, 211, 220

Tritanomaly
218, 214, 226

Monochromacy



Original Color
217, 215, 219

Achromatopsia
216, 216, 216

Achromatomaly
216, 216, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 215, 219 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(217, 215, 219) looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 219)  
}
```

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(217, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 219) }
```

Border

The CSS property to change the border of an element to RYB 217, 215, 219 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(217, 215, 219) }
```

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

```
.border{ border-color:rgb(217, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 217, 215, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 219) }
```

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

```
.background{ background-color: rgb(217,  
215, 219) }
```

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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