

Converting Colors

`RYB(219, 210, 216)`

Have a look what the booklet for RYB(219, 210, 216) contains.

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Color

R_YB(219, 210, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DBD2D8
RGB	219, 210, 216
RGB Percent	86%, 82%, 85%
CMY	0.1412, 0.1765, 0.1529
CMYK	0.00, 0.04, 0.01, 0.14
HSL	320°, 11%, 84%
HSV	320°, 4%, 86%
XYZ	64.6547, 66.1111, 74.3188
YIQ	213.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

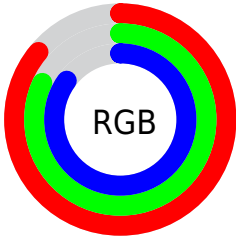
Format	Color
R _Y B	219, 210, 216
Decimal	14406360
CIE Lab	85.05, 4.16, -1.86
CIE LCh	85, 4.559, 335.870
Yxy	66.1111, 0.3153, 0.3224
Android (android.graphics.Color)	4292596440 (0xFFDBD2D8)
YUV	213.3750, 1.2941, 4.9331
Hunter-Lab	81.3087, -0.3516, 2.7232

Details

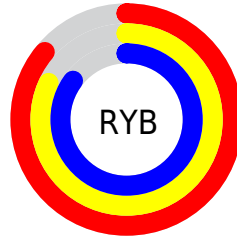
The RYB color **219, 210, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 217, 219**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 156, 161** is the 20% darker color. If you saturate the color by 10%, you get **219, 188, 209**, and if you desaturate by 10%, it is **219, 229, 232**.

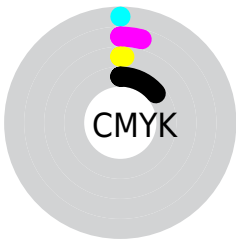
Distribution



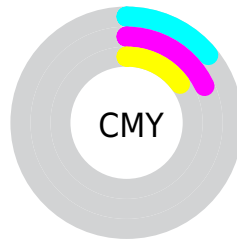
- Red (86%)
- Green (82%)
- Blue (85%)



- Red (86%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 210, 216 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 219, 210, 216 by changing the saturation by 10% instead.

■ 219, 210, 216

255, 255, 255

■ 219, 210, 216

■ 191, 182, 188

■ 164, 156, 161

■ 138, 130, 135

■ 112, 104, 110

■ 88, 80, 85

■ 65, 57, 62


■ 43, 36, 40

■ 22, 15, 20


■ 0, 0, 0

 219, 210, 216

 219, 210, 216

 219, 188, 209


 219, 229, 232

 219, 166, 201

 219, 245, 254

 219, 144, 194

 219, 243, 255

 219, 122, 187

 219, 240, 255

 219, 101, 180

 219, 238, 255

 219, 79, 172

 219, 237, 255

 219, 57, 165

 219, 35, 158

 219, 13, 150

Harmonies

Analogous

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



214, 211, 219



219, 210, 216



222, 210, 212

Triad

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



219, 210, 216



208, 215, 204



202, 209, 217

Complementary

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



219, 210, 216



210, 217, 219

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.



203, 210, 215



219, 210, 216



205, 214, 209

Square

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



219, 210, 216



220, 215, 205



206, 213, 215



205, 211, 220

Rectangle

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



219, 210, 216



222, 210, 209



206, 213, 215



202, 209, 216

Sweetspot

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



219, 210, 216



255, 252, 254



213, 210, 219



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



219, 210, 216



255, 242, 251



219, 210, 212



110, 103, 107



173, 0, 116



46, 0, 31

Inverse Universe

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



219, 210, 216



255, 242, 251



210, 215, 219



110, 103, 107



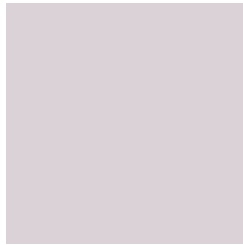
173, 0, 116



46, 0, 31

Previews

White Background



This preview shows how the RYB color 219, 210, 216 looks on a white background.

Color Contrast Check

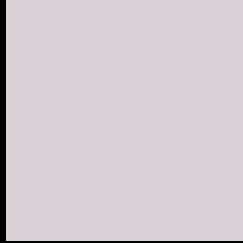
Large Text (above 18pt) WCAG AA × Fail

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 219, 210, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

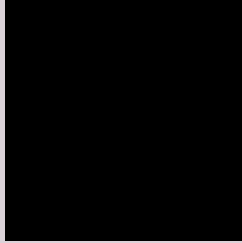
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

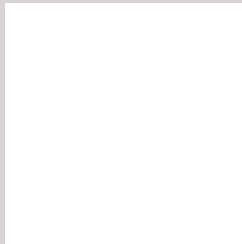
Any Text WCAG AAA ✓ Pass

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

RYB 219, 210, 216 Background



This preview shows how black text looks on a background with the RYB color 219, 210, 216.



This preview shows how white text looks on a background with the RYB color 219, 210, 216.

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 219, 210, 216
	Protanopia 215, 211, 217
	Deuteranopia 231, 206, 217



Tritanopia
220, 209, 225

Trichromacy



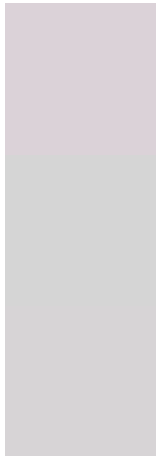
Original Color
219, 210, 216

Protanomaly
216, 211, 217

Deuteranomaly
227, 207, 217

Tritanomaly
220, 209, 222

Monochromacy



Original Color
219, 210, 216

Achromatopsia
213, 213, 213

Achromatomaly
215, 212, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 210, 216 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(219, 210, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 216)  
}
```

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(219, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 216) }
```

Border

The CSS property to change the border of an element to RYB 219, 210, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

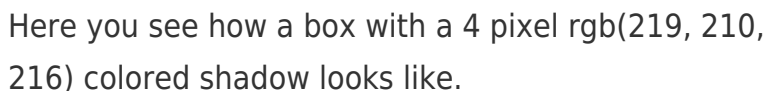
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 210, 216) }
```

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

```
.border{ border-color:rgb(219, 210, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 219, 210, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 216) }
```

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

```
.background{ background-color: rgb(219,  
210, 216) }
```

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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