

Converting Colors

`RYB(210, 217, 199)`

Have a look what the booklet for
RYB(210, 217, 199) contains.

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Color

R_YB(210, 217, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D9D2C7
RGB	217, 210, 199
RGB Percent	85%, 82%, 78%
CMY	0.1490, 0.1758, 0.2196
CMYK	0.00, 0.03, 0.08, 0.15
HSL	37°, 19%, 82%
HSV	37°, 8%, 85%
XYZ	62.0133, 65.0536, 63.3210
YIQ	210.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

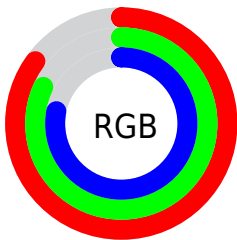
Format	Color
R _Y B	210, 217, 199
Decimal	14275271
CIE Lab	84.51, 0.42, 6.36
CIE LCh	85, 6.370, 86.183
Yxy	65.0536, 0.3257, 0.3417
Android (android.graphics.Color)	4292465351 (0xFFD9D2C7)
YUV	210.8390, -5.8366, 5.4032
Hunter-Lab	80.6558, -3.9057, 9.9119

Details

The RYB color **210, 217, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 204, 217**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **154, 162, 145** is the 20% darker color. If you saturate the color by 10%, you get **201, 217, 177**, and if you desaturate by 10%, it is **217, 218, 221**.

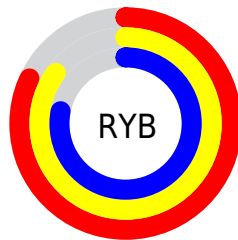
Distribution



Red (85%)

Green (82%)

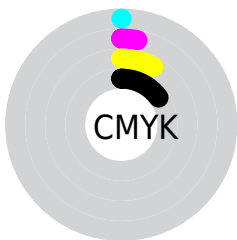
Blue (78%)



Red (82%)

Yellow (85%)

Blue (78%)

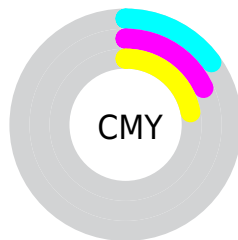


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 217, 199 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, 199 by changing the saturation by 10% instead.

■ 210, 217, 199

255, 255, 255

■ 210, 217, 199

■ 181, 189, 172

■ 154, 162, 145

■ 130, 136, 120

■ 103, 110, 95

■ 79, 86, 71

■ 57, 63, 49


■ 36, 41, 28

■ 10, 21, 1

■ 0, 0, 0

 210, 217, 199

 210, 217, 199

 201, 217, 177

 217, 218, 221

 193, 217, 156

 217, 224, 242

 186, 217, 134

 217, 229, 255

 177, 217, 112


 217, 232, 255


 169, 217, 91

 217, 235, 255

 159, 217, 69

 217, 236, 255

 150, 217, 47

 143, 217, 25

 135, 217, 4

Harmonies

Analogous

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



222, 212, 201



210, 217, 199



200, 212, 202

Triad

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



210, 217, 199



196, 205, 216



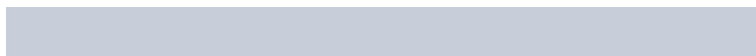
218, 208, 218

Complementary

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



210, 217, 199



199, 204, 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.



211, 210, 222



210, 217, 199



199, 208, 221

Square

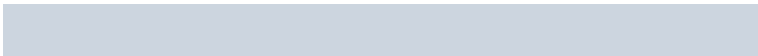
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210, 217, 199



198, 208, 215



204, 210, 223



223, 207, 212

Rectangle

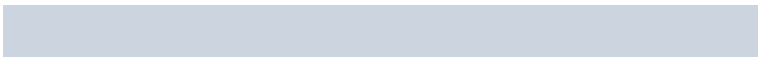
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210, 217, 199



202, 213, 210



204, 210, 223



216, 208, 219

Sweetspot

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



210, 217, 199



253, 255, 250



217, 199, 206



127, 128, 125



0, 0, 0



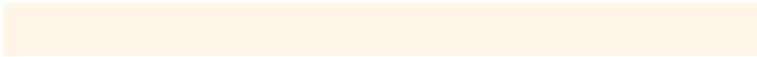
128, 128, 128

Same Dimension

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



210, 217, 199



247, 255, 230



199, 217, 201



108, 110, 99



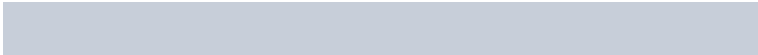
104, 173, 0



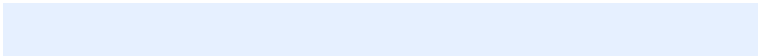
30, 46, 0

Inverse Universe

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



199, 204, 217



230, 237, 255



201, 199, 217



99, 102, 110



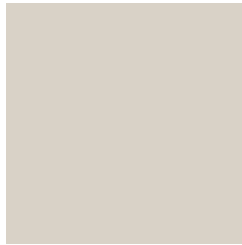
0, 48, 173



0, 12, 46

Previews

White Background



This preview shows how the RYB color 210, 217, 199 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, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

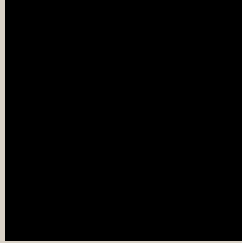
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

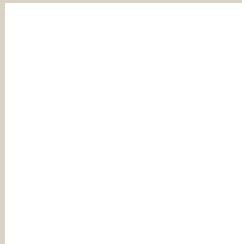
Any Text WCAG AAA ✓ Pass

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

RYB 210, 217, 199 Background



This preview shows how black text looks on a background with the RYB color 210, 217, 199.

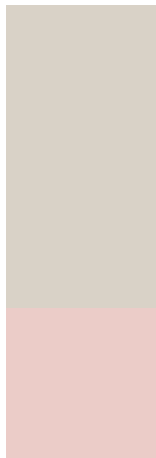


This preview shows how white text looks on a background with the RYB color 210, 217, 199.

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
210, 217, 199

Protanopia
210, 217, 199

Deuteranopia
235, 205, 200



Tritanopia
220, 207, 223

Trichromacy



Original Color

210, 217, 199

Protanomaly

210, 217, 199

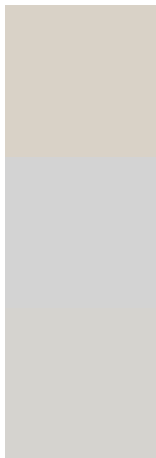
Deuteranomaly

228, 208, 200

Tritanomaly

219, 208, 214

Monochromacy



Original Color

210, 217, 199

Achromatopsia

211, 211, 211

Achromatomaly

210, 213, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 217, 199 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, 210, 199) looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 199)  
}
```

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, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 199) }
```

Border

The CSS property to change the border of an element to RYB 210, 217, 199 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, 210, 199) }
```

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

```
.border{ border-color:rgb(217, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(217, 210,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 210, 217, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 199) }
```

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

```
.background{ background-color: rgb(217,  
210, 199) }
```

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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