

Converting Colors

`RYB(210, 212, 199)`

Have a look what the booklet for
RYB(210, 212, 199) contains.

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Color

$\text{RYB}(210, 212, 199)$

Conversions

Conversions Part 1

Format	Color
Hex	D4CEC7
RGB	212, 206, 199
RGB Percent	83%, 81%, 78%
CMY	0.1686, 0.1920, 0.2196
CMYK	0.00, 0.03, 0.06, 0.17
HSL	32°, 13%, 81%
HSV	32°, 6%, 83%
XYZ	59.5415, 62.2832, 62.9165
YIQ	206.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

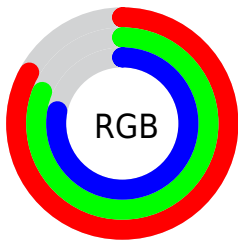
Format	Color
R _Y B	210, 212, 199
Decimal	13946567
CIE Lab	83.06, 0.82, 4.22
CIE LCh	83, 4.296, 78.949
Yxy	62.2832, 0.3223, 0.3371
Android (android.graphics.Color)	4292136647 (0xFFD4CEC7)
YUV	206.9960, -3.9420, 4.3885
Hunter-Lab	78.9197, -3.4390, 7.9765

Details

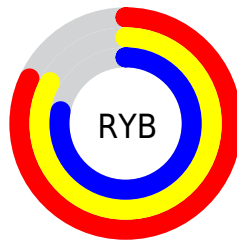
The RYB color **210, 212, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 203, 212**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **154, 157, 145** is the 20% darker color. If you saturate the color by 10%, you get **208, 212, 178**, and if you desaturate by 10%, it is **212, 215, 220**.

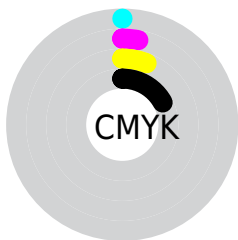
Distribution



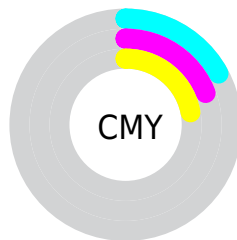
- Red (83%)
- Green (81%)
- Blue (78%)



- Red (82%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 212, 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, 212, 199 by changing the saturation by 10% instead.

■ 210, 212, 199

255, 255, 255

■ 210, 212, 199

■ 181, 184, 172

■ 154, 157, 145

■ 129, 131, 120

■ 104, 106, 95

■ 80, 82, 71

■ 59, 59, 49

■ 35, 37, 28

■ 13, 17, 1

■ 0, 0, 0

 210, 212, 199

 210, 212, 199

 208, 212, 178

 212, 215, 220

 203, 212, 157


 212, 221, 241

 199, 212, 135

 212, 227, 255


 197, 212, 114

 212, 231, 255

 195, 212, 93

 212, 234, 255

 190, 212, 72

 188, 212, 51

 184, 212, 29

 179, 212, 8

Harmonies

Analogous

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



215, 207, 201



210, 212, 199



200, 208, 199

Triad

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



210, 212, 199



197, 203, 209



211, 205, 212

Complementary

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



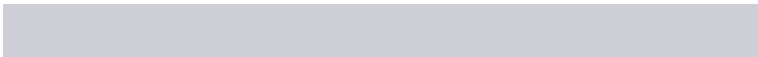
210, 212, 199



199, 203, 212

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.



206, 206, 214



210, 212, 199



198, 204, 213

Square

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



210, 212, 199



199, 205, 209



201, 206, 215



214, 204, 208

Rectangle

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



210, 212, 199



201, 208, 205



201, 206, 215



209, 205, 213

Sweetspot

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



210, 212, 199



253, 255, 250



212, 199, 205



128, 127, 125



0, 0, 0



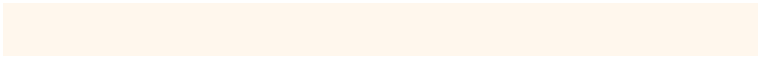
128, 128, 128

Same Dimension

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



210, 212, 199



251, 255, 237



199, 212, 199



107, 107, 99



143, 171, 0



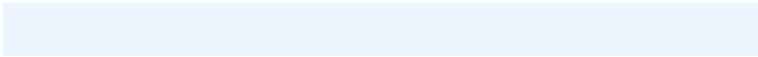
37, 43, 0

Inverse Universe

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



199, 203, 212



237, 243, 255



199, 199, 212



99, 101, 107



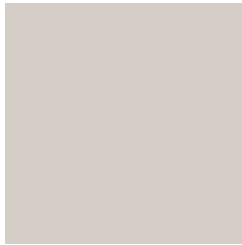
0, 54, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 210, 212, 199 looks on a white background.

Color Contrast Check

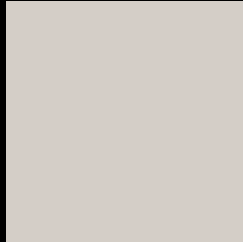
Large Text (above 18pt) WCAG AA × Fail

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, 212, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

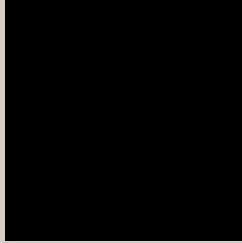
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

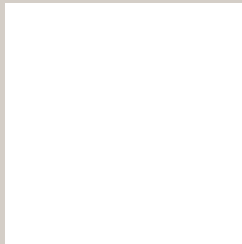
Any Text WCAG AAA ✓ Pass

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

RYB 210, 212, 199 Background



This preview shows how black text looks on a background with the RYB color 210, 212, 199.

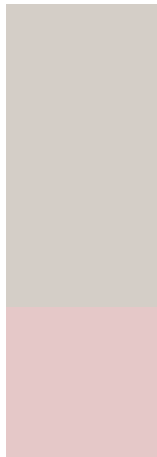


This preview shows how white text looks on a background with the RYB color 210, 212, 199.

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, 212, 199

Protanopia
210, 212, 199

Deuteranopia
229, 200, 200



Tritanopia
215, 203, 219

Trichromacy



Original Color

210, 212, 199

Protanomaly

210, 212, 199

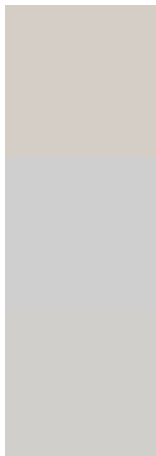
Deuteranomaly

223, 202, 200

Tritanomaly

214, 204, 212

Monochromacy



Original Color

210, 212, 199

Achromatopsia

207, 207, 207

Achromatomaly

207, 209, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 212, 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(212, 206, 199) looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 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(212, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 199) }
```

Border

The CSS property to change the border of an element to RYB 210, 212, 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(212, 206, 199) }
```

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

```
.border{ border-color:rgb(212, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 212, 206, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 199) }
```

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

```
.background{ background-color: rgb(212,  
206, 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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