

Converting Colors

`RYB(218, 210, 201)`

Have a look what the booklet for RYB(218, 210, 201) contains.

RYB(218, 210, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(218, 210, 201)

Conversions

Conversions Part 1

Format	Color
Hex	DACFC9
RGB	218, 207, 201
RGB Percent	85%, 81%, 79%
CMY	0.1451, 0.1887, 0.2118
CMYK	0.00, 0.05, 0.08, 0.15
HSL	21°, 19%, 82%
HSV	21°, 8%, 85%
XYZ	61.7409, 63.6922, 64.2981
YIQ	209.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

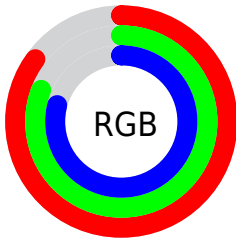
Format	Color
R _Y B	218, 210, 201
Decimal	14340041
CIE Lab	83.81, 2.83, 4.28
CIE LCh	84, 5.136, 56.536
Yxy	63.6922, 0.3254, 0.3357
Android (android.graphics.Color)	4292530121 (0xFFDACFC9)
YUV	209.6050, -4.2423, 7.3624
Hunter-Lab	79.8074, -1.5711, 8.0973

Details

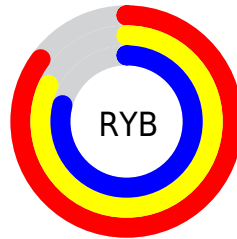
The RYB color **218, 210, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 208, 218**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 157, 147** is the 20% darker color. If you saturate the color by 10%, you get **218, 201, 179**, and if you desaturate by 10%, it is **218, 220, 223**.

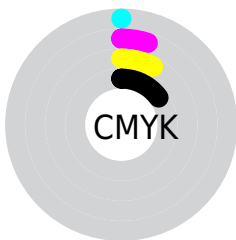
Distribution



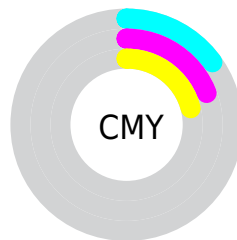
- Red (85%)
- Green (81%)
- Blue (79%)



- Red (85%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 210, 201 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 218, 210, 201 by changing the saturation by 10% instead.

■ 218, 210, 201

255, 255, 255

■ 218, 210, 201

■ 190, 181, 174

■ 163, 157, 147

■ 137, 131, 121

■ 111, 105, 97

■ 87, 81, 73

■ 64, 58, 50

■ 41, 38, 29

■ 22, 15, 4

■ 0, 0, 0

 218, 210, 201

 218, 210, 201

 218, 201, 179

 218, 220, 223

 218, 189, 157


 218, 228, 245


 218, 179, 136


 218, 235, 255


 218, 169, 114


 218, 237, 255

 218, 160, 92

 218, 148, 70

 218, 138, 48

 218, 128, 27

 218, 118, 5

Harmonies

Analogous

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



220, 206, 205



218, 210, 201



209, 214, 199

Triad

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



218, 210, 201



199, 207, 212



209, 208, 218

Complementary

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



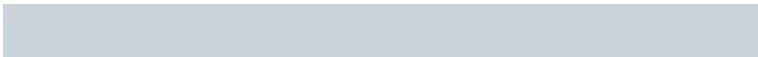
218, 210, 201



201, 208, 218

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.



204, 208, 218



218, 210, 201



197, 205, 213

Square

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



218, 210, 201



203, 211, 211



199, 206, 217



215, 207, 214

Rectangle

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



218, 210, 201



201, 210, 200



199, 206, 217



207, 208, 218

Sweetspot

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



218, 210, 201



255, 253, 250



218, 201, 212



128, 127, 125



0, 0, 0



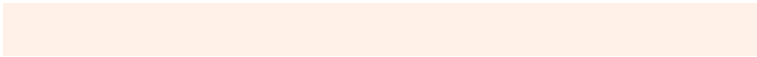
128, 128, 128

Same Dimension

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



218, 210, 201



255, 244, 232



205, 218, 201



110, 103, 99



173, 92, 0



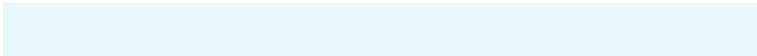
46, 25, 0

Inverse Universe

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



201, 208, 218



232, 241, 255



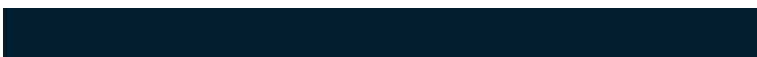
201, 204, 218



99, 103, 110



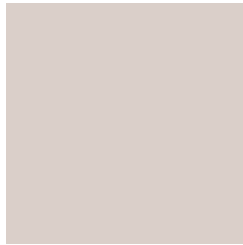
0, 68, 173



0, 18, 46

Previews

White Background



This preview shows how the RYB color 218, 210, 201 looks on a white background.

Color Contrast Check

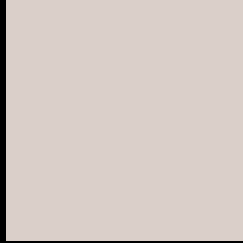
Large Text (above 18pt) WCAG AA × Fail

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 218, 210, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

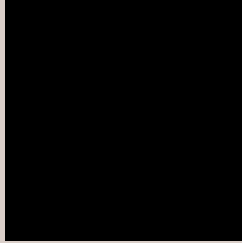
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

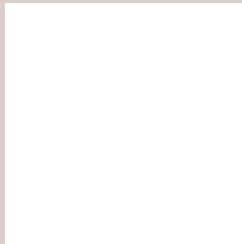
Any Text WCAG AAA ✓ Pass

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

RYB 218, 210, 201 Background



This preview shows how black text looks on a background with the RYB color 218, 210, 201.

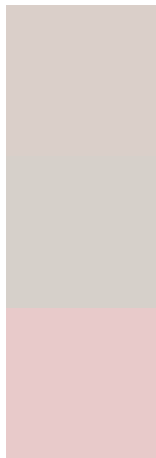


This preview shows how white text looks on a background with the RYB color 218, 210, 201.

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
218, 210, 201

Protanopia
214, 214, 202

Deuteranopia
232, 202, 202



Tritanopia
221, 204, 220

Trichromacy



Original Color

218, 210, 201

Protanomaly

215, 213, 202

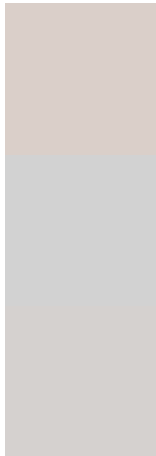
Deuteranomaly

227, 204, 202

Tritanomaly

220, 205, 213

Monochromacy



Original Color

218, 210, 201

Achromatopsia

210, 210, 210

Achromatomaly

213, 210, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 210, 201 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(218, 207, 201) looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 201)  
}
```

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(218, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 201) }
```

Border

The CSS property to change the border of an element to RYB 218, 210, 201 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(218, 207, 201) }
```

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

```
.border{ border-color:rgb(218, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 218, 210, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 201) }
```

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

```
.background{ background-color: rgb(218,  
207, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor