

Converting Colors

`RYB(218, 210, 199)`

Have a look what the booklet for
RYB(218, 210, 199) contains.

RYB(218, 210, 199)	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, 199)

Conversions

Conversions Part 1

Format	Color
Hex	DACEC7
RGB	218, 206, 199
RGB Percent	85%, 81%, 78%
CMY	0.1451, 0.1923, 0.2196
CMYK	0.00, 0.06, 0.09, 0.15
HSL	22°, 20%, 82%
HSV	22°, 9%, 85%
XYZ	61.2855, 63.1555, 62.9930
YIQ	208.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

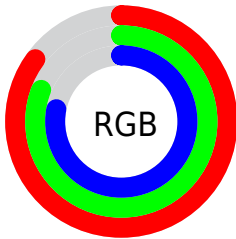
Format	Color
R_{YB}	218, 210, 199
Decimal	14339783
CIE Lab	83.52, 2.98, 4.94
CIE LCh	84, 5.770, 58.945
Yxy	63.1555, 0.3270, 0.3369
Android (android.graphics.Color)	4292529863 (0xFFDACEC7)
YUV	208.7900, -4.8265, 8.0772
Hunter-Lab	79.4704, -1.4187, 8.6326

Details

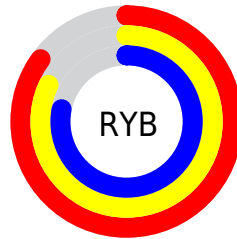
The RYB color **218, 210, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 206, 218**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 156, 145** is the 20% darker color. If you saturate the color by 10%, you get **218, 201, 177**, and if you desaturate by 10%, it is **218, 219, 221**.

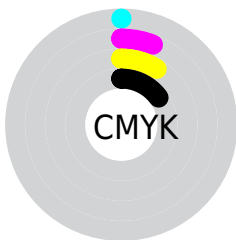
Distribution



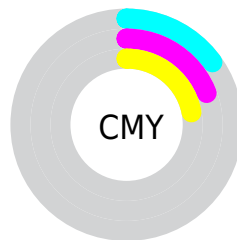
- Red (85%)
- Green (81%)
- Blue (78%)



- Red (85%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 210, 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 218, 210, 199 by changing the saturation by 10% instead.

■ 218, 210, 199

255, 255, 255

■ 218, 210, 199

■ 190, 181, 172

■ 163, 156, 145

■ 137, 129, 120

■ 111, 105, 95

■ 87, 81, 71

■ 63, 57, 49

■ 41, 36, 28

■ 22, 17, 1

■ 0, 0, 0

 218, 210, 199

 218, 210, 199

 218, 201, 177

 218, 219, 221

 218, 191, 155


 218, 228, 243


 218, 183, 134

 218, 234, 255


 218, 174, 112


 218, 237, 255

 218, 164, 90

 218, 155, 68

 218, 145, 46

 218, 137, 25

 218, 128, 3

Harmonies

Analogous

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



220, 205, 203



218, 210, 199



204, 213, 197

Triad

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



218, 210, 199



196, 204, 211



209, 207, 218

Complementary

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



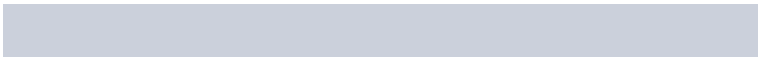
218, 210, 199



199, 206, 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.



203, 207, 219



218, 210, 199



195, 203, 213

Square

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



218, 210, 199



201, 210, 211



197, 205, 217



215, 205, 214

Rectangle

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



218, 210, 199



198, 209, 198



197, 205, 217



207, 207, 218

Sweetspot

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



218, 210, 199



255, 252, 247



218, 199, 211



128, 125, 122



0, 0, 0



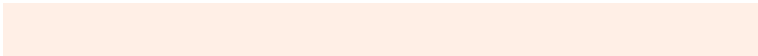
128, 128, 128

Same Dimension

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



218, 210, 199



255, 244, 230



203, 218, 199



110, 105, 99



173, 102, 0



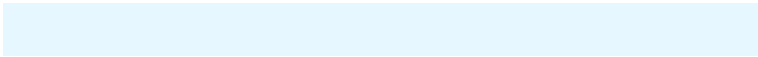
46, 27, 0

Inverse Universe

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



199, 206, 218



230, 240, 255



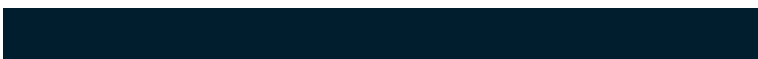
199, 202, 218



99, 103, 110



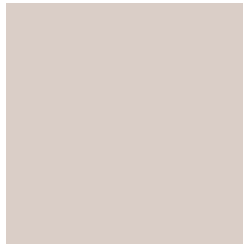
0, 67, 173



0, 18, 46

Previews

White Background



This preview shows how the RYB color 218, 210, 199 looks on a white background.

Color Contrast Check

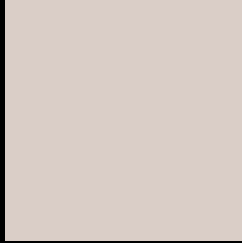
Large Text (above 18pt) WCAG AA × Fail

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 218, 210, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

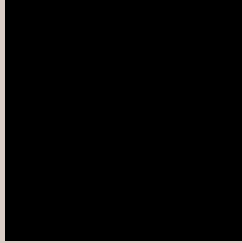
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 218, 210, 199 Background



This preview shows how black text looks on a background with the R/Y/B color 218, 210, 199.

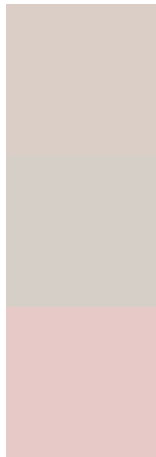


This preview shows how white text looks on a background with the R/Y/B color 218, 210, 199.

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](#).

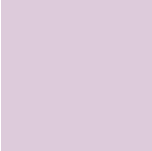
Dichromacy



Original Color
218, 210, 199

Protanopia
214, 214, 200

Deuteranopia
231, 201, 200



Tritanopia
221, 203, 219

Trichromacy



Original Color

218, 210, 199

Protanomaly

215, 213, 200

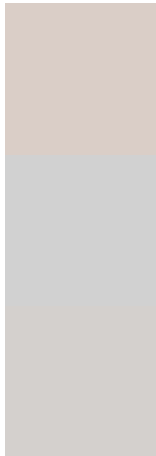
Deuteranomaly

226, 203, 200

Tritanomaly

220, 204, 212

Monochromacy



Original Color

218, 210, 199

Achromatopsia

209, 209, 209

Achromatomaly

212, 210, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 210, 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(218, 206, 199) looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 199) }
```

Border

The CSS property to change the border of an element to RYB 218, 210, 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(218, 206, 199) }
```

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

```
.border{ border-color:rgb(218, 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(218, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 206, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 206, 199); box-shadow:4px 4px 4px 4px rgb(218, 206, 199) }
```

Background

The CSS property to change the background color of an element to RGB 218, 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(218, 206, 199) }
```

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

```
.background{ background-color: rgb(218,  
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](#).

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