

Converting Colors

`RYB(212, 210, 193)`

Have a look what the booklet for
RYB(212, 210, 193) contains.

RYB(212, 210, 193)	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

$\text{RYB}(212, 210, 193)$

Conversions

Conversions Part 1

Format	Color
Hex	D4CAC1
RGB	212, 202, 193
RGB Percent	83%, 79%, 76%
CMY	0.1686, 0.2080, 0.2431
CMYK	0.00, 0.05, 0.09, 0.17
HSL	28°, 18%, 79%
HSV	28°, 9%, 83%
XYZ	57.8910, 60.0753, 58.9966
YIQ	203.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

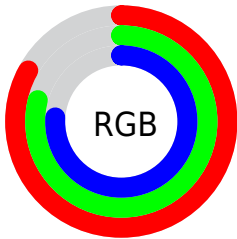
Format	Color
R _Y B	212, 210, 193
Decimal	13945537
CIE Lab	81.88, 1.94, 5.71
CIE LCh	82, 6.028, 71.230
Yxy	60.0753, 0.3271, 0.3395
Android (android.graphics.Color)	4292135617 (0xFFD4CAC1)
YUV	203.9640, -5.4053, 7.0476
Hunter-Lab	77.5083, -2.3176, 9.1263

Details

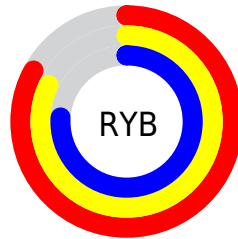
The RYB color **212, 210, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 200, 212**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **249, 255, 249**, and **157, 155, 140** is the 20% darker color. If you saturate the color by 10%, you get **212, 208, 172**, and if you desaturate by 10%, it is **212, 213, 214**.

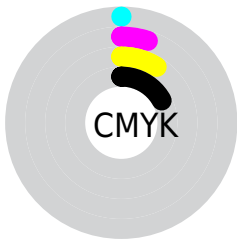
Distribution



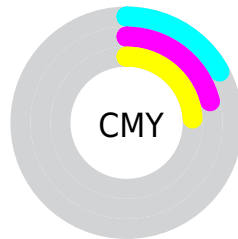
- Red (83%)
- Green (79%)
- Blue (76%)



- Red (83%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 210, 193 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 212, 210, 193 by changing the saturation by 10% instead.


 212, 210, 193


255, 255, 255


 249, 255, 249

 212, 210, 193

 184, 184, 166

 157, 155, 140

 131, 129, 114

 106, 102, 90

 82, 82, 66

 59, 57, 44

 37, 35, 24

 15, 8, 0

 0, 0, 0

 212, 210, 193

 212, 210, 193

 212, 208, 172

 212, 213, 214

 212, 206, 151


 212, 220, 235

 212, 203, 129


 212, 227, 255


 212, 201, 108


 212, 231, 255

 212, 199, 87

 212, 234, 255

 212, 197, 66

 212, 195, 45

 212, 191, 23

 212, 189, 2

Harmonies

Analogous

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



216, 203, 196



212, 210, 193



195, 206, 193

Triad

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



212, 210, 193



190, 199, 207



207, 201, 212

Complementary

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



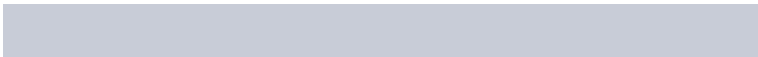
212, 210, 193



193, 200, 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.



200, 203, 215



212, 210, 193



191, 200, 211

Square

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



212, 210, 193



194, 203, 207



194, 201, 214



213, 200, 207

Rectangle

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



212, 210, 193



194, 205, 197



194, 201, 214



205, 202, 213

Sweetspot

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



212, 210, 193



255, 255, 247



212, 193, 203



128, 128, 122



0, 0, 0



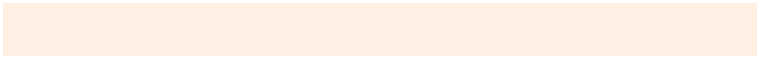
128, 128, 128

Same Dimension

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



212, 210, 193



255, 251, 227



194, 212, 193



107, 105, 96



171, 154, 0



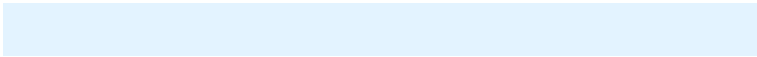
43, 37, 0

Inverse Universe

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



193, 200, 212



227, 237, 255



193, 194, 212



96, 100, 107



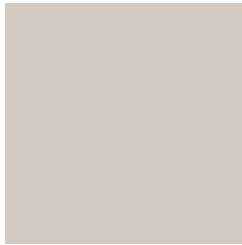
0, 59, 171



0, 15, 43

Previews

White Background



This preview shows how the RYB color 212, 210, 193 looks on a white background.

Color Contrast Check

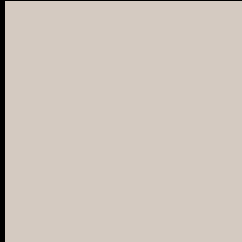
Large Text (above 18pt) WCAG AA × Fail

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 212, 210, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

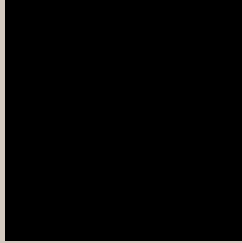
Any Text WCAG AA ✓ Pass

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 212, 210, 193 Background



This preview shows how black text looks on a background with the RYB color 212, 210, 193.

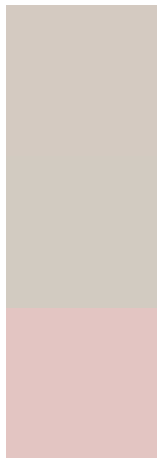


This preview shows how white text looks on a background with the RYB color 212, 210, 193.

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](#).

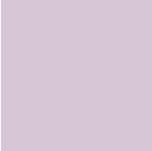
Dichromacy



Original Color
212, 210, 193

Protanopia
205, 210, 193

Deuteranopia
227, 197, 194



Tritanopia
215, 199, 214

Trichromacy



Original Color

212, 210, 193

Protanomaly

207, 211, 193

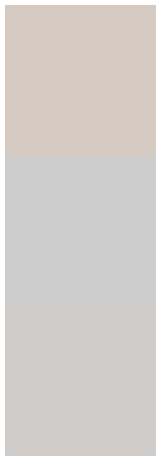
Deuteranomaly

222, 200, 194

Tritanomaly

214, 200, 206

Monochromacy



Original Color

212, 210, 193

Achromatopsia

204, 204, 204

Achromatomaly

207, 205, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 210, 193 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, 202, 193) looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 193)  
}
```

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, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 193) }
```

Border

The CSS property to change the border of an element to RYB 212, 210, 193 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, 202, 193) }
```

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

```
.border{ border-color:rgb(212, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 202, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 202, 193); box-shadow:4px 4px 4px 4px rgb(212, 202, 193) }
```

Background

The CSS property to change the background color of an element to RYB 212, 210, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 193) }
```

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

```
.background{ background-color: rgb(212,  
202, 193) }
```

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