

Converting Colors

`RYB(208, 210, 193)`

Have a look what the booklet for
RYB(208, 210, 193) contains.

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Color

R_YB(208, 210, 193)

Conversions

Conversions Part 1

Format	Color
Hex	D2CAC1
RGB	210, 202, 193
RGB Percent	82%, 79%, 76%
CMY	0.1765, 0.2077, 0.2431
CMYK	0.00, 0.04, 0.08, 0.18
HSL	32°, 16%, 79%
HSV	32°, 8%, 82%
XYZ	57.3318, 59.8076, 58.9744
YIQ	203.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

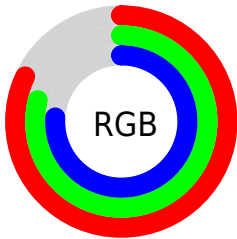
Format	Color
R _Y B	208, 210, 193
Decimal	13814465
CIE Lab	81.73, 1.20, 5.48
CIE LCh	82, 5.607, 77.659
Yxy	59.8076, 0.3255, 0.3396
Android (android.graphics.Color)	4292004545 (0xFFD2CAC1)
YUV	203.3660, -5.1104, 5.8180
Hunter-Lab	77.3354, -3.0077, 8.9214

Details

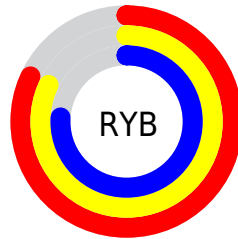
The RYB color **208, 210, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 198, 210**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **249, 255, 249**, and **156, 156, 140** is the 20% darker color. If you saturate the color by 10%, you get **206, 210, 172**, and if you desaturate by 10%, it is **210, 211, 214**.

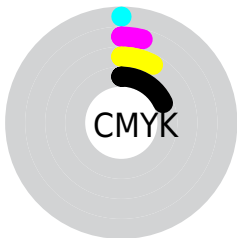
Distribution



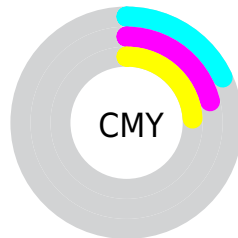
- Red (82%)
- Green (79%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 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 208, 210, 193 by changing the saturation by 10% instead.

 208, 210, 193

255, 255, 255

 249, 255, 249

 208, 210, 193

 178, 182, 166


 156, 156, 140

 127, 129, 114

 104, 104, 90

 77, 80, 66

 55, 57, 44

 33, 35, 24

 13, 8, 0

 0, 0, 0

 208, 210, 193

 208, 210, 193

 206, 210, 172

 210, 211, 214

 204, 210, 151


 210, 218, 235

 202, 210, 130


 210, 225, 255

 197, 210, 109


 210, 228, 255

 195, 210, 88

 210, 231, 255

 193, 210, 67

 210, 233, 255

 191, 210, 46

 189, 210, 25

 187, 210, 4

Harmonies

Analogous

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



214, 203, 196



208, 210, 193



193, 204, 193

Triad

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



208, 210, 193



191, 199, 206



208, 201, 210

Complementary

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



208, 210, 193



193, 198, 210

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.



202, 203, 213



208, 210, 193



192, 200, 211

Square

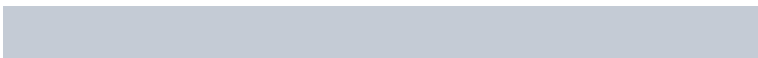
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208, 210, 193



193, 201, 206



196, 201, 213



213, 200, 206

Rectangle

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



208, 210, 193



195, 205, 200



196, 201, 213



206, 201, 211

Sweetspot

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



208, 210, 193



253, 255, 250



210, 193, 201



128, 127, 125



0, 0, 0



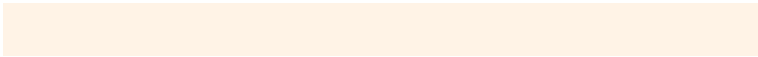
128, 128, 128

Same Dimension

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



208, 210, 193



253, 255, 230



193, 210, 193



103, 105, 94



149, 168, 0



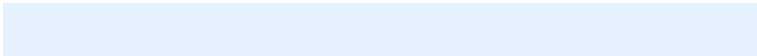
35, 41, 0

Inverse Universe

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



193, 198, 210



230, 238, 255



193, 193, 210



94, 97, 105



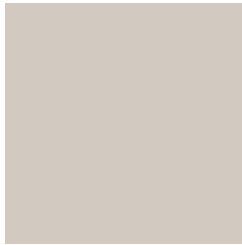
0, 54, 168



0, 13, 41

Previews

White Background



This preview shows how the RYB color 208, 210, 193 looks on a white background.

Color Contrast Check

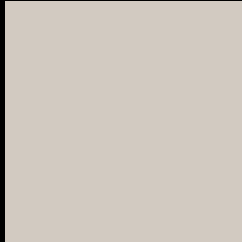
Large Text (above 18pt) WCAG AA × Fail

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 208, 210, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

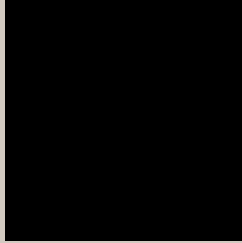
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

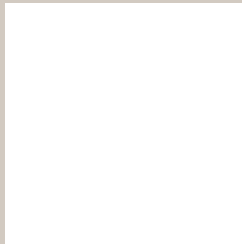
Any Text WCAG AAA ✓ Pass

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

RYB 208, 210, 193 Background



This preview shows how black text looks on a background with the RYB color 208, 210, 193.

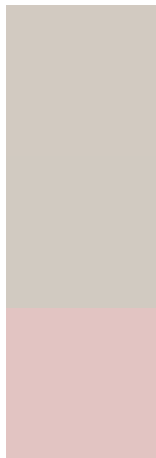


This preview shows how white text looks on a background with the RYB color 208, 210, 193.

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
208, 210, 193

Protanopia
205, 209, 193

Deuteranopia
226, 196, 194



Tritanopia
213, 199, 214

Trichromacy



Original Color

208, 210, 193

Protanomaly

205, 209, 193

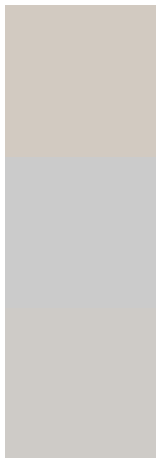
Deuteranomaly

220, 199, 194

Tritanomaly

212, 200, 206

Monochromacy



Original Color

208, 210, 193

Achromatopsia

203, 203, 203

Achromatomaly

204, 206, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 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(210, 202, 193) looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 193) }
```

Border

The CSS property to change the border of an element to RYB 208, 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(210, 202, 193) }
```

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

```
.border{ border-color:rgb(210, 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(210, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(210, 202,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 210, 202, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 193) }
```

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

```
.background{ background-color: rgb(210,  
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](#).

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