

Converting Colors

`RYB(214, 207, 201)`

Have a look what the booklet for
RYB(214, 207, 201) contains.

RYB(214, 207, 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(214, 207, 201)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDC9
RGB	214, 205, 201
RGB Percent	84%, 80%, 79%
CMY	0.1608, 0.1957, 0.2118
CMYK	0.00, 0.04, 0.06, 0.16
HSL	19°, 14%, 81%
HSV	19°, 6%, 84%
XYZ	60.1307, 62.2262, 64.1000
YIQ	207.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

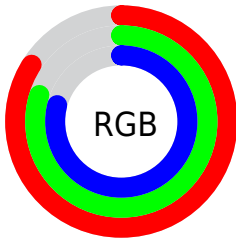
Format	Color
RYB	214, 207, 201
Decimal	14077385
CIELab	83.03, 2.36, 3.13
CIELCh	83, 3.917, 52.947
Yxy	62.2262, 0.3225, 0.3337
Android (android.graphics.Color)	4292267465 (0xFFD6CDC9)
YUV	207.2350, -3.0739, 5.9329
Hunter-Lab	78.8836, -1.9809, 7.0401

Details

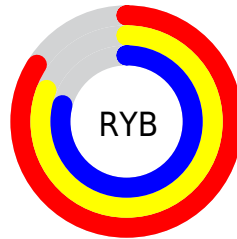
The RYB color **214, 207, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 206, 214**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 153, 147** is the 20% darker color. If you saturate the color by 10%, you get **214, 194, 180**, and if you desaturate by 10%, it is **214, 217, 222**.

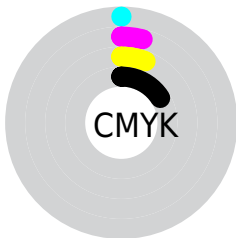
Distribution



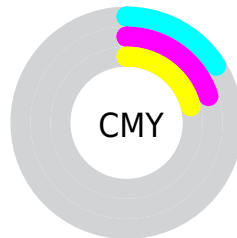
- Red (84%)
- Green (80%)
- Blue (79%)



- Red (84%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 207, 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 214, 207, 201 by changing the saturation by 10% instead.

■ 214, 207, 201

255, 255, 255

■ 214, 207, 201

■ 186, 180, 174

■ 159, 153, 147

■ 133, 127, 121

■ 108, 101, 97

■ 84, 77, 73

■ 60, 57, 50

■ 39, 33, 29

■ 19, 12, 4

■ 0, 0, 0

 214, 207, 201

 214, 207, 201

 214, 194, 180


 214, 217, 222

 214, 185, 158

 214, 226, 244


 214, 172, 137


 214, 233, 255


 214, 162, 115


 214, 235, 255

 214, 150, 94

 214, 137, 73

 214, 127, 51

 214, 115, 30

 214, 103, 8

Harmonies

Analogous

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



215, 204, 204



214, 207, 201



209, 211, 200

Triad

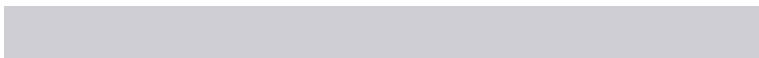
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 207, 201



199, 205, 209



207, 206, 213

Complementary

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



214, 207, 201



201, 206, 214

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, 206, 214



214, 207, 201



198, 204, 209

Square

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



214, 207, 201



202, 208, 207



199, 204, 212



211, 205, 211

Rectangle

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



214, 207, 201



201, 208, 200



199, 204, 212



205, 207, 214

Sweetspot

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



214, 207, 201



255, 253, 250



214, 201, 210



128, 127, 125



0, 0, 0



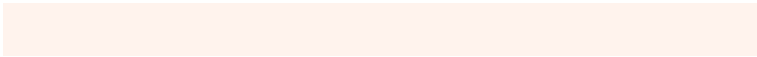
128, 128, 128

Same Dimension

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



214, 207, 201



255, 246, 237



205, 214, 201



107, 102, 99



171, 79, 0



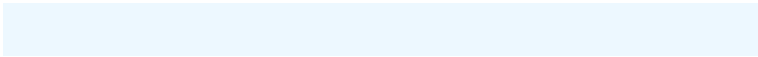
43, 21, 0

Inverse Universe

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



201, 206, 214



237, 244, 255



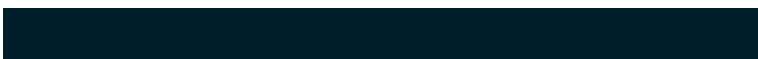
201, 203, 214



99, 102, 107



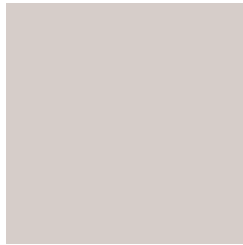
0, 69, 171



0, 18, 43

Previews

White Background



This preview shows how the RYB color 214, 207, 201 looks on a white background.

Color Contrast Check

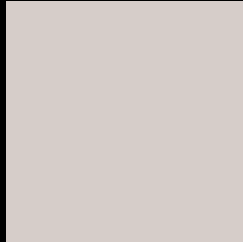
Large Text (above 18pt) WCAG AA × Fail

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 214, 207, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

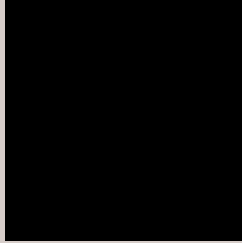
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

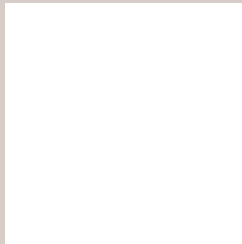
Any Text WCAG AAA ✓ Pass

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

RYB 214, 207, 201 Background



This preview shows how black text looks on a background with the RYB color 214, 207, 201.

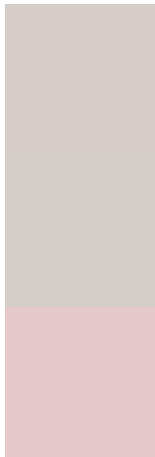


This preview shows how white text looks on a background with the RYB color 214, 207, 201.

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
214, 207, 201

Protanopia
212, 210, 201

Deuteranopia
228, 200, 202



Tritanopia
217, 202, 218

Trichromacy



Original Color

214, 207, 201

Protanomaly

213, 210, 201

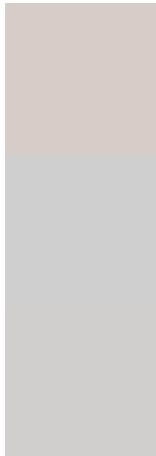
Deuteranomaly

223, 202, 202

Tritanomaly

216, 203, 212

Monochromacy



Original Color

214, 207, 201

Achromatopsia

207, 207, 207

Achromatomaly

210, 206, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 207, 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(214, 205, 201) looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 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(214, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 201) }
```

Border

The CSS property to change the border of an element to RYB 214, 207, 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(214, 205, 201) }
```

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

```
.border{ border-color:rgb(214, 205, 201) }
```

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

Here you see how a box with a 4 pixel rgb(214, 205, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 214, 207, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 201) }
```

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

```
.background{ background-color: rgb(214,  
205, 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](#).

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