

Converting Colors

`RYB(216, 214, 214)`

Have a look what the booklet for
RYB(216, 214, 214) contains.

RYB(216, 214, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RYB(216, 214, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6D6
RGB	216, 214, 214
RGB Percent	85%, 84%, 84%
CMY	0.1529, 0.1608, 0.1608
CMYK	0.00, 0.01, 0.01, 0.15
HSL	0°, 2%, 84%
HSV	0°, 1%, 85%
XYZ	64.5031, 67.5471, 73.2565
YIQ	214.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

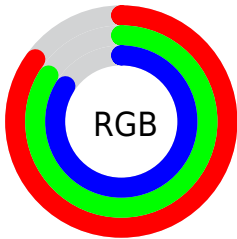
Format	Color
R _Y B	216, 214, 214
Decimal	14210774
CIE Lab	85.78, 0.69, 0.23
CIE LCh	86, 0.724, 18.656
Yxy	67.5471, 0.3142, 0.3290
Android (android.graphics.Color)	4292400854 (0xFFD8D6D6)
YUV	214.5980, -0.2948, 1.2296
Hunter-Lab	82.1870, -3.7347, 4.6834

Details

The RYB color **216, 214, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 215, 216**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 159, 159** is the 20% darker color. If you saturate the color by 10%, you get **216, 192, 192**, and if you desaturate by 10%, it is **216, 226, 236**.

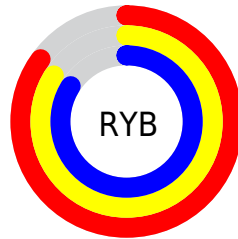
Distribution



Red (85%)

Green (84%)

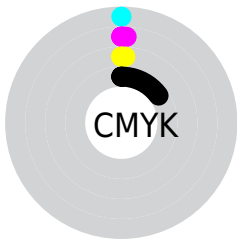
Blue (84%)



Red (85%)

Yellow (84%)

Blue (84%)

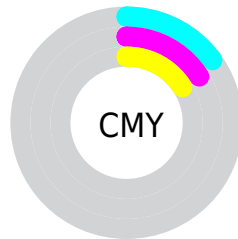


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 214, 214 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 216, 214, 214 by changing the saturation by 10% instead.

■ 216, 214, 214

255, 255, 255

■ 216, 214, 214

■ 188, 186, 186

■ 161, 159, 159

■ 135, 133, 133

■ 110, 108, 108

■ 85, 84, 84

■ 62, 61, 61


■ 40, 39, 39

■ 20, 18, 18


■ 0, 0, 0

 216, 214, 214

 216, 214, 214


 216, 192, 192


 216, 226, 236


 216, 171, 171


 216, 236, 255

 216, 149, 149


 216, 128, 128

 216, 106, 106

 216, 84, 84

 216, 63, 63

 216, 41, 41

 216, 20, 20

Harmonies

Analogous

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



216, 214, 215



216, 214, 214



216, 215, 213

Triad

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



216, 214, 214



213, 215, 214



214, 215, 216

Complementary

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



216, 214, 214



214, 215, 216

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.



213, 214, 215



216, 214, 214



213, 214, 215

Square

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



216, 214, 214



213, 215, 213



213, 214, 215



214, 214, 216

Rectangle

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



216, 214, 214



216, 215, 213



213, 214, 215



213, 214, 216

Sweetspot

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



216, 214, 214

255, 255, 255



216, 214, 216



128, 128, 128



0, 0, 0

Same Dimension

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



216, 214, 214



255, 252, 252



216, 216, 214



107, 106, 106



171, 0, 0



43, 0, 0

Inverse Universe

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



214, 215, 216



252, 254, 255



214, 215, 216



106, 107, 107



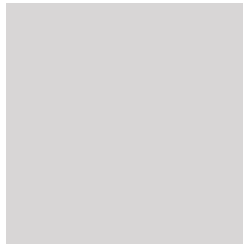
0, 86, 171



0, 22, 43

Previews

White Background



This preview shows how the RYB color 216, 214, 214 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 216, 214, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

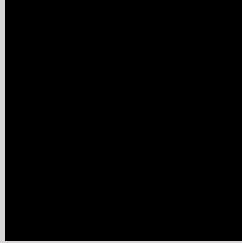
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

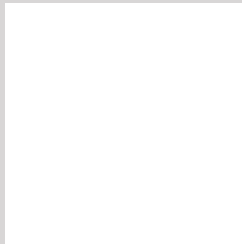
Any Text WCAG AAA ✓ Pass

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

RYB 216, 214, 214 Background



This preview shows how black text looks on a background with the RYB color 216, 214, 214.

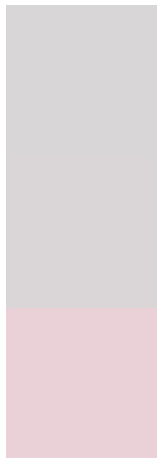


This preview shows how white text looks on a background with the RYB color 216, 214, 214.

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
216, 214, 214

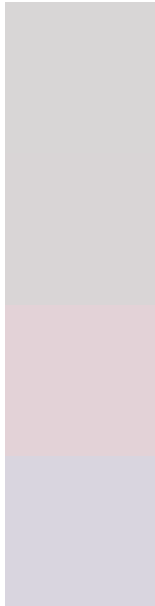
Protanopia
218, 213, 214

Deuteranopia
234, 208, 215



Tritanopia
218, 212, 228

Trichromacy



Original Color

216, 214, 214

Protanomaly

217, 213, 214

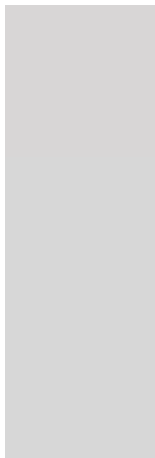
Deuteranomaly

227, 210, 215

Tritanomaly

217, 213, 223

Monochromacy



Original Color

216, 214, 214

Achromatopsia

215, 215, 215

Achromatomaly

215, 215, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 214, 214 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(216, 214, 214) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 214)  
}
```

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(216, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 214) }
```

Border

The CSS property to change the border of an element to RYB 216, 214, 214 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(216, 214, 214) }
```

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

```
.border{ border-color:rgb(216, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 216, 214, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 214) }
```

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

```
.background{ background-color: rgb(216,  
214, 214) }
```

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