

Converting Colors

`RYB(213, 215, 213)`

Have a look what the booklet for
RYB(213, 215, 213) contains.

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Color

R_YB(213, 215, 213)

Conversions

Conversions Part 1

Format	Color
Hex	D7D7D5
RGB	215, 215, 213
RGB Percent	84%, 84%, 84%
CMY	0.1569, 0.1569, 0.1647
CMYK	0.00, 0.00, 0.01, 0.16
HSL	60°, 2%, 84%
HSV	60°, 1%, 84%
XYZ	64.3350, 67.8520, 72.6567
YIQ	214.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

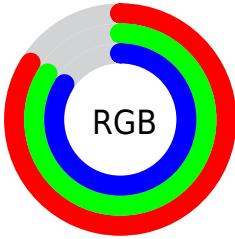
Format	Color
R _Y B	213, 215, 213
Decimal	14145493
CIE Lab	85.93, -0.36, 0.97
CIE LCh	86, 1.038, 110.024
Yxy	67.8520, 0.3141, 0.3312
Android (android.graphics.Color)	4292335573 (0xFFD7D7D5)
YUV	214.7720, -0.8736, 0.2000
Hunter-Lab	82.3724, -4.7383, 5.3638

Details

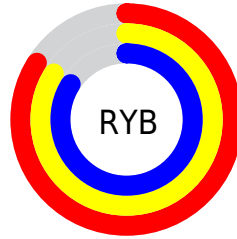
The RYB color **213, 215, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 213, 215**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 160, 158** is the 20% darker color. If you saturate the color by 10%, you get **192, 215, 192**, and if you desaturate by 10%, it is **215, 215, 235**.

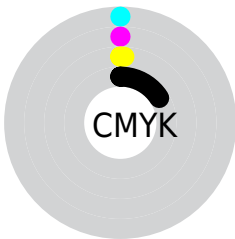
Distribution



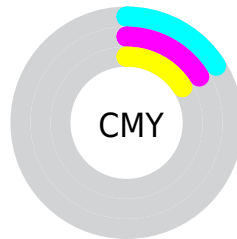
- Red (84%)
- Green (84%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 215, 213 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 213, 215, 213 by changing the saturation by 10% instead.

■ 213, 215, 213

255, 255, 255

■ 213, 215, 213

■ 185, 187, 185

■ 158, 160, 158

■ 132, 134, 132

■ 107, 109, 107

■ 83, 85, 83

■ 60, 61, 60

■ 38, 40, 38

■ 18, 19, 18

■ 0, 0, 0

■ 213, 215, 213

■ 213, 215, 213

■ 192, 215, 192

■ 215, 215, 235

■ 170, 215, 170

■ 215, 215, 255

■ 149, 215, 149

■ 127, 215, 127

■ 106, 215, 106

■ 84, 215, 84

■ 62, 215, 62

■ 41, 215, 41

■ 20, 215, 20

Harmonies

Analogous

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



215, 216, 213



213, 215, 213



214, 215, 215

Triad

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



213, 215, 213



213, 214, 216



217, 214, 215

Complementary

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



213, 215, 213



213, 213, 215

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.



216, 214, 216



213, 215, 213



214, 215, 217

Square

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



213, 215, 213



213, 214, 215



215, 215, 217



217, 214, 214

Rectangle

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



213, 215, 213



213, 214, 215



215, 215, 217



216, 214, 216

Sweetspot

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



213, 215, 213

255, 255, 255



215, 213, 213



128, 128, 128



0, 0, 0

Same Dimension

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



213, 215, 213



252, 255, 252



213, 215, 214



106, 107, 106



0, 171, 0



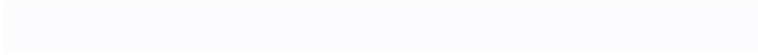
0, 43, 0

Inverse Universe

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



213, 213, 215



252, 252, 255



214, 213, 215



106, 106, 107



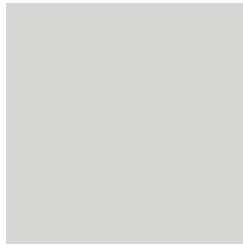
0, 0, 171



0, 0, 43

Previews

White Background



This preview shows how the RYB color 213, 215, 213 looks on a white background.

Color Contrast Check

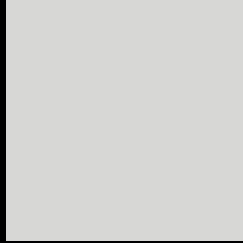
Large Text (above 18pt) WCAG AA × Fail

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 213, 215, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

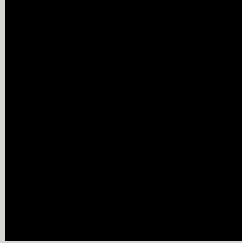
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

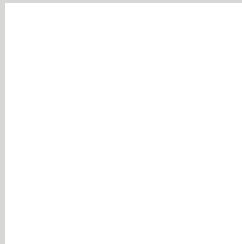
Any Text WCAG AAA ✓ Pass

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

RYB 213, 215, 213 Background



This preview shows how black text looks on a background with the RYB color 213, 215, 213.

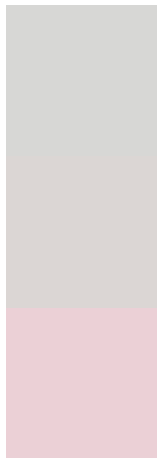


This preview shows how white text looks on a background with the RYB color 213, 215, 213.

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
[213](#), [215](#), [213](#)

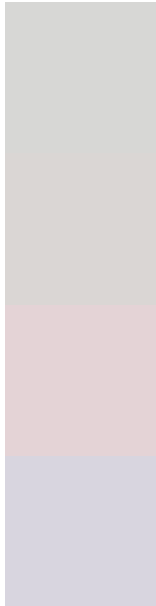
Protanopia
[219](#), [215](#), [212](#)

Deuteranopia
[235](#), [208](#), [214](#)



Tritanopia
217, 212, 229

Trichromacy



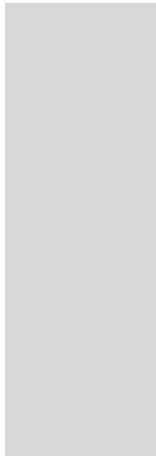
Original Color
213, 215, 213

Protanomaly
218, 215, 212

Deuteranomaly
228, 211, 214

Tritanomaly
216, 213, 223

Monochromacy



Original Color
213, 215, 213

Achromatopsia
215, 215, 215

Achromatomaly
214, 215, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 215, 213 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(215, 215, 213) looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 213)  
}
```

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(215, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 213) }
```

Border

The CSS property to change the border of an element to RYB 213, 215, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

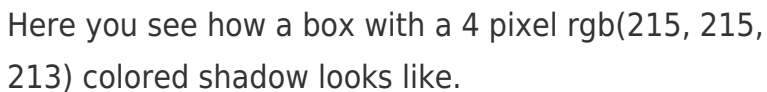
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 215, 213) }
```

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

```
.border{ border-color:rgb(215, 215, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 215, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 215, 213); box-shadow:4px 4px 4px 4px rgb(215, 215, 213) }
```

Background

The CSS property to change the background color of an element to RGB 213, 215, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 213) }
```

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

```
.background{ background-color: rgb(215,  
215, 213) }
```

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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