

Converting Colors

`RYB(213, 202, 205)`

Have a look what the booklet for
RYB(213, 202, 205) contains.

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Color

R_YB(213, 202, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D5CACD
RGB	213, 202, 205
RGB Percent	84%, 79%, 80%
CMY	0.1647, 0.2078, 0.1961
CMYK	0.00, 0.05, 0.04, 0.16
HSL	344°, 12%, 81%
HSV	344°, 5%, 84%
XYZ	59.5805, 60.7950, 66.3520
YIQ	205.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

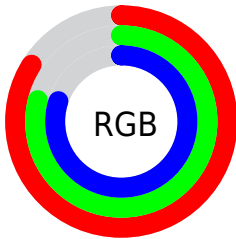
Format	Color
RYB	213, 202, 205
Decimal	14011085
CIELab	82.27, 4.35, -0.13
CIELCh	82, 4.348, 358.240
Yxy	60.7950, 0.3191, 0.3256
Android (android.graphics.Color)	4292201165 (0xFFD5CACD)
YUV	205.6310, -0.3111, 6.4626
Hunter-Lab	77.9711, -0.0512, 4.1251

Details

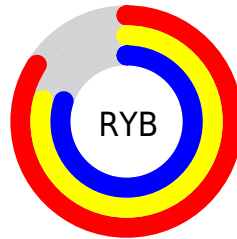
The RYB color **213, 202, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 208, 213**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 148, 151** is the 20% darker color. If you saturate the color by 10%, you get **213, 181, 190**, and if you desaturate by 10%, it is **213, 219, 223**.

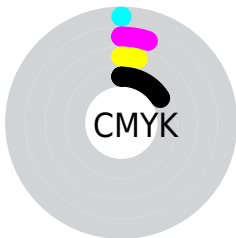
Distribution



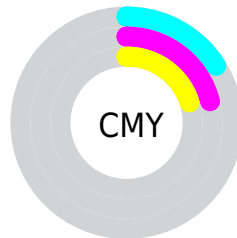
- Red (84%)
- Green (79%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 202, 205 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, 202, 205 by changing the saturation by 10% instead.

■ 213, 202, 205

255, 255, 255

■ 213, 202, 205

■ 185, 175, 178

■ 158, 148, 151

■ 132, 122, 125

■ 107, 97, 100

■ 83, 74, 76

■ 60, 51, 54

■ 38, 30, 32

■ 18, 5, 9

■ 0, 0, 0

 213, 202, 205

 213, 202, 205

 213, 181, 190

 213, 219, 223

 213, 159, 174


 213, 232, 245


 213, 138, 159


 213, 235, 255


 213, 117, 143


 213, 234, 255

 213, 95, 128

 213, 74, 112

 213, 53, 97

 213, 32, 81

 213, 10, 66

Harmonies

Analogous

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



210, 203, 209



213, 202, 205



214, 202, 201

Triad

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



213, 202, 205



197, 206, 199



197, 202, 211

Complementary

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



213, 202, 205



202, 208, 213

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.



195, 201, 208



213, 202, 205



199, 206, 207

Square

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



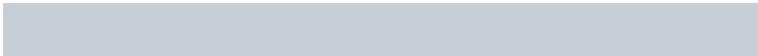
213, 202, 205



206, 209, 197



196, 202, 207



200, 204, 213

Rectangle

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



213, 202, 205



213, 205, 199



196, 202, 207



196, 202, 211

Sweetspot

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



213, 202, 205



255, 250, 251



210, 202, 213



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 202, 205



255, 240, 244



213, 204, 202



107, 100, 102



171, 0, 47



43, 0, 12

Inverse Universe

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



213, 202, 205



255, 240, 244



202, 207, 213



107, 100, 102



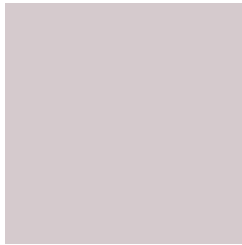
171, 0, 47



43, 0, 12

Previews

White Background



This preview shows how the RYB color 213, 202, 205 looks on a white background.

Color Contrast Check

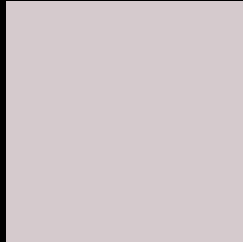
Large Text (above 18pt) WCAG AA × Fail

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, 202, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

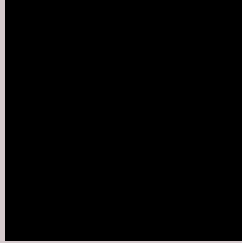
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

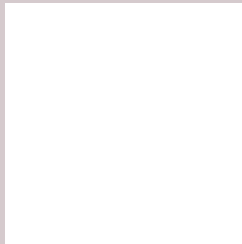
Any Text WCAG AAA ✓ Pass

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

RYB 213, 202, 205 Background



This preview shows how black text looks on a background with the RYB color 213, 202, 205.

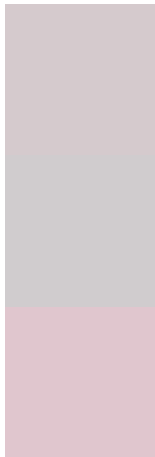


This preview shows how white text looks on a background with the RYB color 213, 202, 205.

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, 202, 205

Protanopia
208, 204, 206

Deuteranopia
224, 198, 206



Tritanopia
215, 200, 216

Trichromacy



Original Color

213, 202, 205

Protanomaly

210, 203, 206

Deuteranomaly

220, 199, 206

Tritanomaly

214, 201, 212

Monochromacy



Original Color

213, 202, 205

Achromatopsia

206, 206, 206

Achromatomaly

209, 205, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 202, 205 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(213, 202, 205) looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 205)  
}
```

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(213, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 205) }
```

Border

The CSS property to change the border of an element to RYB 213, 202, 205 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(213, 202, 205) }
```

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

```
.border{ border-color:rgb(213, 202, 205) }
```

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

Here you see how a box with a 4 pixel rgb(213, 202, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 213, 202, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 205) }
```

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

```
.background{ background-color: rgb(213,  
202, 205) }
```

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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