

Converting Colors

`RYB(213, 192, 220)`

Have a look what the booklet for
RYB(213, 192, 220) contains.

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Color

R_YB(213, 192, 220)

Conversions

Conversions Part 1

Format	Color
Hex	D5C0DC
RGB	213, 192, 220
RGB Percent	84%, 75%, 86%
CMY	0.1647, 0.2471, 0.1373
CMYK	0.03, 0.13, 0.00, 0.14
HSL	285°, 29%, 81%
HSV	285°, 13%, 86%
XYZ	59.2085, 57.0127, 75.5941
YIQ	201.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

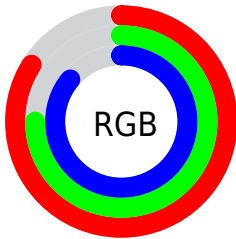
Format	Color
R _Y B	213, 192, 220
Decimal	14008540
CIE Lab	80.19, 12.43, -11.26
CIE LCh	80, 16.766, 317.828
Yxy	57.0127, 0.3087, 0.2972
Android (android.graphics.Color)	4292198620 (0xFFD5C0DC)
YUV	201.4710, 9.1348, 10.1109
Hunter-Lab	75.5068, 7.8336, -6.5038

Details

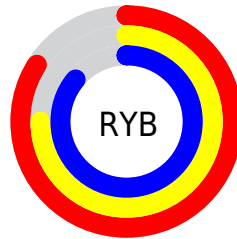
The RYB color **213, 192, 220** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **192, 220, 213**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 248, 255**, and **158, 139, 165** is the 20% darker color. If you saturate the color by 10%, you get **208, 170, 220**, and if you desaturate by 10%, it is **219, 214, 220**.

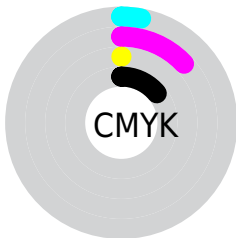
Distribution



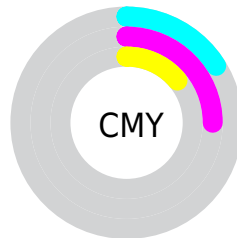
- Red (84%)
- Green (75%)
- Blue (86%)



- Red (84%)
- Yellow (75%)
- Blue (86%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 192, 220 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, 192, 220 by changing the saturation by 10% instead.

 213, 192, 220


255, 255, 255

 255, 248, 255

 213, 192, 220

 185, 165, 192

 158, 139, 165

 132, 113, 139

 107, 88, 113

 82, 65, 89

 59, 43, 65

 37, 22, 43

 18, 0, 23

 0, 0, 0

■ 213, 192, 220

■ 213, 192, 220

■ 208, 170, 220

■ 219, 214, 220

■ 202, 148, 220

■ 220, 236, 232

■ 197, 126, 220

■ 220, 255, 245

■ 191, 104, 220

■ 220, 255, 240

■ 186, 82, 220

■ 220, 255, 234

■ 180, 60, 220

■ 220, 255, 229

■ 175, 38, 220

■ 220, 255, 224

■ 169, 16, 220

■ 220, 255, 220

■ 165, 0, 220

Harmonies

Analogous

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



194, 197, 228



213, 192, 220



227, 189, 206

Triad

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



213, 192, 220



209, 218, 169



159, 184, 208

Complementary

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



213, 192, 220



192, 220, 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.



168, 193, 208



213, 192, 220



169, 201, 169

Square

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



213, 192, 220



229, 197, 176



178, 205, 200



161, 187, 221

Rectangle

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



213, 192, 220



231, 188, 195



178, 205, 200



161, 186, 208

Sweetspot

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



213, 192, 220



252, 245, 255



192, 198, 220



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 192, 220



245, 217, 255



220, 192, 213



107, 99, 110



130, 0, 173



34, 0, 46

Inverse Universe

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



220, 192, 199



255, 217, 226



192, 214, 220



110, 99, 101



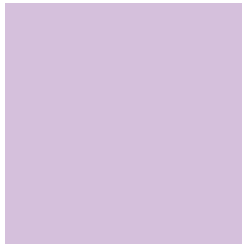
173, 0, 43



46, 0, 11

Previews

White Background



This preview shows how the RYB color 213, 192, 220 looks on a white background.

Color Contrast Check

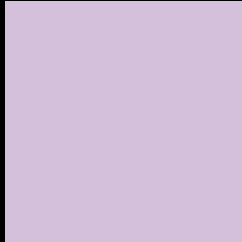
Large Text (above 18pt) WCAG AA × Fail

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, 192, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

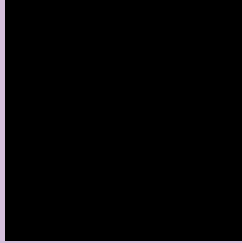
Any Text WCAG AA ✓ Pass

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, 192, 220 Background



This preview shows how black text looks on a background with the RYB color 213, 192, 220.



This preview shows how white text looks on a background with the RYB color 213, 192, 220.

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, 192, 220

Protanopia
195, 198, 223

Deuteranopia
209, 194, 220



Tritanopia
211, 194, 209

Trichromacy



Original Color
213, 192, 220

Protanomaly
202, 196, 222

Deuteranomaly
210, 193, 220

Tritanomaly
212, 193, 213

Monochromacy



Original Color
213, 192, 220

Achromatopsia
201, 201, 201

Achromatomaly
205, 198, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 192, 220 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, 192, 220)` looks like.

```
.text, #text, p{  
    color:rgb(213, 192, 220)  
}
```

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, 192, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 192, 220) }
```

Border

The CSS property to change the border of an element to RYB 213, 192, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

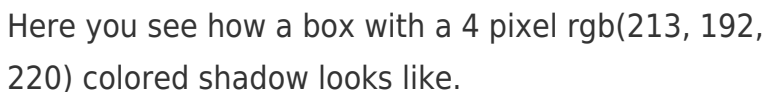
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 192, 220) }
```

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

```
.border{ border-color:rgb(213, 192, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 192, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 192, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 192, 220); box-shadow:4px 4px 4px 4px rgb(213, 192, 220) }
```

Background

The CSS property to change the background color of an element to RGB 213, 192, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 192, 220) }
```

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

```
.background{ background-color: rgb(213,  
192, 220) }
```

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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