

Converting Colors

`RYB(211, 163, 190)`

Have a look what the booklet for
RYB(211, 163, 190) contains.

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Color

R_YB(211, 163, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D3A3BE
RGB	211, 163, 190
RGB Percent	83%, 64%, 75%
CMY	0.1725, 0.3608, 0.2549
CMYK	0.00, 0.23, 0.10, 0.17
HSL	326°, 35%, 73%
HSV	326°, 23%, 83%
XYZ	49.2554, 43.7610, 54.5659
YIQ	180.4300, 19.9410, 18.5730

Conversions

Conversions Part 2

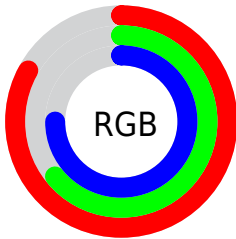
Format	Color
R_{YB}	211, 163, 190
Decimal	13870014
CIE Lab	72.07, 22.01, -7.02
CIE LCh	72, 23.100, 342.312
Yxy	43.7610, 0.3337, 0.2965
Android (android.graphics.Color)	4292060094 (0xFFD3A3BE)
YUV	180.4300, 4.7180, 26.8099
Hunter-Lab	66.1521, 17.1412, -2.5992

Details

The RYB color **211, 163, 190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **163, 196, 211**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 218, 246**, and **156, 111, 137** is the 20% darker color. If you saturate the color by 10%, you get **211, 142, 181**, and if you desaturate by 10%, it is **211, 184, 199**.

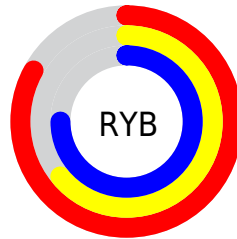
Distribution



Red (83%)

Green (64%)

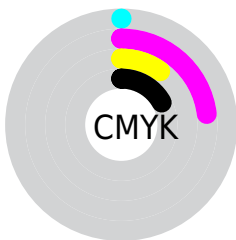
Blue (75%)



Red (83%)

Yellow (64%)

Blue (75%)

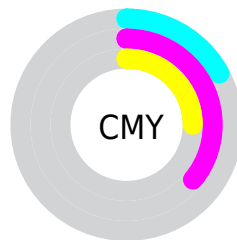


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (17%)



Cyan (17%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 163, 190 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 211, 163, 190 by changing the saturation by 10% instead.

 211, 163, 190

 211, 163, 190

255, 255, 255

 183, 137, 163

 255, 218, 246


 156, 111, 137

 255, 247, 255

 129, 86, 111

 104, 62, 87

 79, 40, 64

 55, 18, 42

 36, 0, 22

 0, 0, 0

 211, 163, 190

 211, 163, 190

■ 211, 142, 181

■ 211, 184, 199

■ 211, 121, 172

■ 211, 205, 208

■ 211, 100, 162

■ 211, 221, 226

■ 211, 79, 153

■ 211, 236, 247

■ 211, 57, 144

■ 211, 239, 255

■ 211, 36, 135

■ 211, 236, 255

■ 211, 15, 125

■ 211, 233, 255

■ 211, 0, 119

Harmonies

Analogous

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



191, 168, 208



211, 163, 190



220, 162, 169

Triad

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



211, 163, 190



142, 184, 135



119, 157, 204

Complementary

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



211, 163, 190



163, 196, 211

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.



120, 156, 189



211, 163, 190



145, 184, 169

Square

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



211, 163, 190



202, 204, 137



136, 170, 188



136, 165, 216

Rectangle

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



211, 163, 190



219, 164, 155



136, 170, 188



117, 155, 198

Sweetspot

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



211, 163, 190



255, 237, 247



184, 163, 211



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



211, 163, 190



255, 186, 225



211, 163, 166



105, 94, 100



168, 0, 95



41, 0, 23

Inverse Universe

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



211, 163, 190



255, 186, 225



163, 188, 211



105, 94, 100



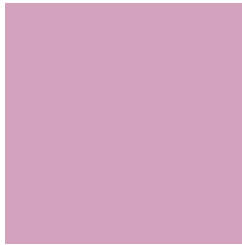
168, 0, 95



41, 0, 23

Previews

White Background



This preview shows how the RYB color 211, 163, 190 looks on a white background.

Color Contrast Check

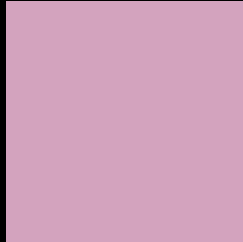
Large Text (above 18pt) WCAG AA × Fail

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 211, 163, 190 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 211, 163, 190 Background



This preview shows how black text looks on a background with the RYB color 211, 163, 190.



This preview shows how white text looks on a background with the RYB color 211, 163, 190.

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
211, 163, 190

Protanopia
174, 176, 198

Deuteranopia
189, 172, 188



Tritanopia

209, 165, 178

Trichromacy



Original Color
211, 163, 190

Protanomaly
187, 171, 195

Deuteranomaly
197, 169, 189

Tritanomaly
210, 164, 182

Monochromacy



Original Color
211, 163, 190

Achromatopsia
180, 180, 180

Achromatomaly
191, 174, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 163, 190 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(211, 163, 190)` looks like.

```
.text, #text, p{  
    color:rgb(211, 163, 190)  
}
```

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(211, 163, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 163, 190) }
```

Border

The CSS property to change the border of an element to RYB 211, 163, 190 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(211, 163, 190) }
```

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

```
.border{ border-color:rgb(211, 163, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 163, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 163, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 163, 190);  
box-shadow:4px 4px 4px 4px rgb(211, 163,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 211, 163, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 163, 190) }
```

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

```
.background{ background-color: rgb(211,  
163, 190) }
```

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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