

Converting Colors

`RYB(211, 155, 214)`

Have a look what the booklet for
RYB(211, 155, 214) contains.

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Color

R_YB(211, 155, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D39BD6
RGB	211, 155, 214
RGB Percent	83%, 61%, 84%
CMY	0.1725, 0.3922, 0.1608
CMYK	0.01, 0.28, 0.00, 0.16
HSL	297°, 42%, 72%
HSV	297°, 28%, 84%
XYZ	50.7229, 42.1466, 69.0800
YIQ	178.4700, 14.4370, 30.2210

Conversions

Conversions Part 2

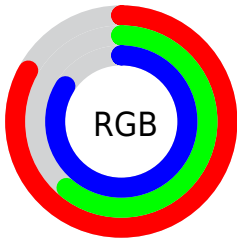
Format	Color
R _Y B	211, 155, 214
Decimal	13867990
CIE Lab	70.97, 30.68, -21.90
CIE LCh	71, 37.700, 324.480
Yxy	42.1466, 0.3132, 0.2602
Android (android.graphics.Color)	4292058070 (0xFFD39BD6)
YUV	178.4700, 17.5163, 28.5288
Hunter-Lab	64.9204, 25.8529, -17.6446

Details

The RYB color **211, 155, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 214, 211**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 210, 255**, and **156, 103, 159** is the 20% darker color. If you saturate the color by 10%, you get **210, 134, 214**, and if you desaturate by 10%, it is **212, 176, 214**.

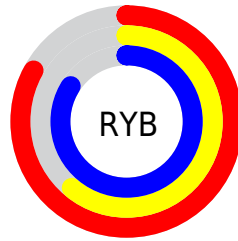
Distribution



Red (83%)

Green (61%)

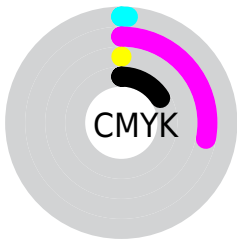
Blue (84%)



Red (83%)

Yellow (61%)

Blue (84%)

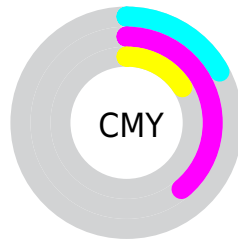


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (16%)



Cyan (17%)


Magenta (39%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 155, 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 211, 155, 214 by changing the saturation by 10% instead.


 211, 155, 214

 211, 155, 214

255, 255, 255


 183, 129, 186


 255, 210, 255

 156, 103, 159

 255, 239, 255

 129, 78, 133

 103, 54, 108

 78, 31, 83

 54, 7, 60

 35, 0, 38

 0, 1, 15

 0, 0, 0

■ 211, 155, 214

■ 211, 155, 214

■ 210, 134, 214

■ 212, 176, 214

■ 209, 112, 214

■ 213, 198, 214

■ 208, 91, 214

■ 214, 219, 219

■ 207, 69, 214

■ 214, 241, 240

■ 206, 48, 214

■ 214, 255, 253

■ 204, 27, 214

■ 214, 255, 251

■ 203, 5, 214

■ 214, 255, 250

■ 203, 0, 214

■ 214, 255, 249

■ 214, 255, 248

Harmonies

Analogous

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



169, 167, 236



211, 155, 214



235, 148, 181

Triad

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



211, 155, 214



155, 202, 105



36, 116, 201

Complementary

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



211, 155, 214



155, 214, 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.



83, 145, 192



211, 155, 214



110, 180, 122

Square

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



211, 155, 214



228, 180, 119



128, 183, 188



53, 129, 229

Rectangle

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



211, 155, 214



241, 147, 158



128, 183, 188



50, 122, 192

Sweetspot

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



211, 155, 214



254, 235, 255



155, 159, 214



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 155, 214



251, 171, 255



214, 155, 188



107, 96, 107



162, 0, 171



41, 0, 43

Inverse Universe

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



214, 155, 158



255, 171, 175



155, 196, 214



107, 96, 97



171, 0, 9



43, 0, 2

Previews

White Background



This preview shows how the RYB color 211, 155, 214 looks on a white background.

Color Contrast Check

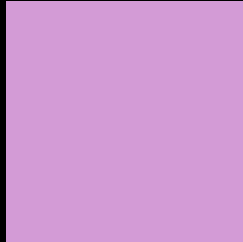
Large Text (above 18pt) WCAG AA × Fail

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 211, 155, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

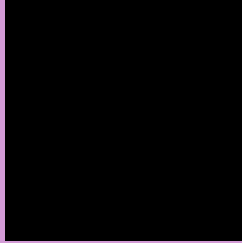
Any Text WCAG AA ✓ Pass

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 211, 155, 214 Background



This preview shows how black text looks on a background with the RYB color 211, 155, 214.



This preview shows how white text looks on a background with the RYB color 211, 155, 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
211, 155, 214

Protanopia
160, 170, 226

Deuteranopia
172, 170, 211



Tritanopia
206, 162, 175

Trichromacy



Original Color

211, 155, 214



Protanomaly

179, 166, 222



Deuteranomaly

186, 165, 212



Tritanomaly

208, 159, 189

Monochromacy



Original Color

211, 155, 214



Achromatopsia

178, 178, 178



Achromatomaly

190, 170, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 155, 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(211, 155, 214)` looks like.

```
.text, #text, p{  
    color:rgb(211, 155, 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(211, 155, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 155, 214) }
```

Border

The CSS property to change the border of an element to RYB 211, 155, 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(211, 155, 214) }
```

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

```
.border{ border-color:rgb(211, 155, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 155, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 155, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 155, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 155,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 211, 155, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 155, 214) }
```

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

```
.background{ background-color: rgb(211,  
155, 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](#).

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