

Converting Colors

`RYB(197, 155, 207)`

Have a look what the booklet for
RYB(197, 155, 207) contains.

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Color

`RYB(197, 155, 207)`

Conversions

Conversions Part 1

Format	Color
Hex	C59BCF
RGB	197, 155, 207
RGB Percent	77%, 61%, 81%
CMY	0.2275, 0.3922, 0.1882
CMYK	0.05, 0.25, 0.00, 0.19
HSL	288°, 35%, 71%
HSV	288°, 25%, 81%
XYZ	46.0098, 39.8180, 64.2921
YIQ	173.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

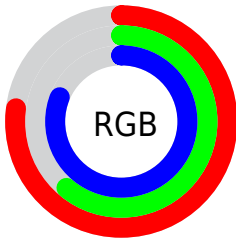
Format	Color
RYB	197, 155, 207
Decimal	12950479
CIELab	69.34, 24.75, -20.65
CIELCh	69, 32.232, 320.156
Yxy	39.8180, 0.3065, 0.2652
Android (android.graphics.Color)	4291140559 (0xFFC59BCF)
YUV	173.4860, 16.5224, 20.6218
Hunter-Lab	63.1015, 19.7237, -16.2377

Details

The RYB color **197, 155, 207** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 207, 197**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **254, 210, 255**, and **143, 103, 153** is the 20% darker color. If you saturate the color by 10%, you get **193, 134, 207**, and if you desaturate by 10%, it is **201, 176, 207**.

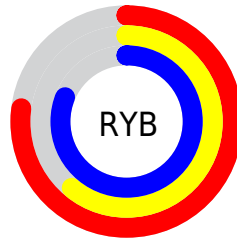
Distribution



Red (77%)

Green (61%)

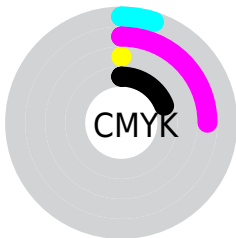
Blue (81%)



Red (77%)

Yellow (61%)

Blue (81%)

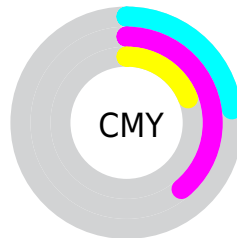


Cyan (5%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 155, 207 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 197, 155, 207 by changing the saturation by 10% instead.

 197, 155, 207

255, 255, 255

 254, 210, 255


 255, 238, 255

 197, 155, 207

 169, 129, 179

 143, 103, 153

 117, 79, 127

 91, 55, 101

 67, 33, 77

 44, 11, 54

 26, 0, 33

 0, 0, 6

 0, 0, 0

■ 197, 155, 207

■ 197, 155, 207

■ 193, 134, 207

■ 201, 176, 207

■ 189, 114, 207

■ 205, 196, 207

■ 185, 93, 207

■ 207, 217, 215

■ 181, 72, 207

■ 207, 238, 232

■ 177, 51, 207

■ 207, 255, 245

■ 173, 31, 207

■ 207, 255, 241

■ 169, 10, 207

■ 207, 255, 237

■ 167, 0, 207

■ 207, 255, 233

■ 207, 255, 229

Harmonies

Analogous

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



160, 165, 224



197, 155, 207



220, 148, 180

Triad

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



197, 155, 207



168, 198, 112



73, 130, 188

Complementary

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



197, 155, 207



155, 207, 197

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.



101, 151, 185



197, 155, 207



114, 174, 119

Square

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



197, 155, 207



219, 166, 126



131, 181, 176



77, 136, 213

Rectangle

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



197, 155, 207



227, 147, 160



131, 181, 176



81, 135, 185

Sweetspot

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



197, 155, 207



251, 235, 255



155, 163, 207



125, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 155, 207



240, 179, 255



207, 155, 191



103, 94, 105



136, 0, 168



33, 0, 41

Inverse Universe

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



207, 155, 165



255, 179, 193



155, 195, 207



105, 94, 96



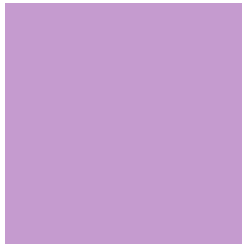
168, 0, 32



41, 0, 8

Previews

White Background



This preview shows how the RYB color 197, 155, 207 looks on a white background.

Color Contrast Check

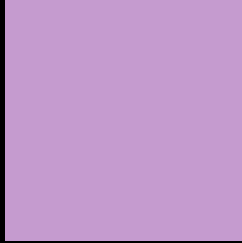
Large Text (above 18pt) WCAG AA × Fail

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 197, 155, 207 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 197, 155, 207 Background



This preview shows how black text looks on a background with the RYB color 197, 155, 207.

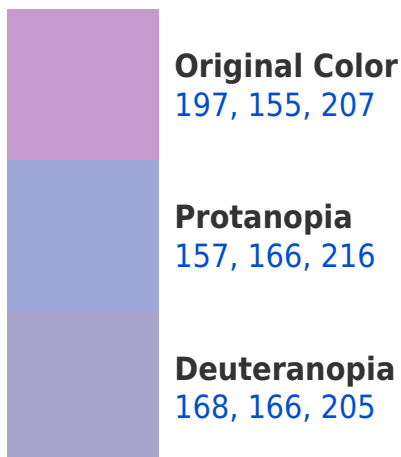



This preview shows how white text looks on a background with the RYB color 197, 155, 207.

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





Tritanopia
192, 161, 174

Trichromacy



Original Color
197, 155, 207

Protanomaly
172, 163, 213

Deuteranomaly
179, 162, 206

Tritanomaly
194, 159, 186

Monochromacy



Original Color
197, 155, 207

Achromatopsia
173, 173, 173

Achromatomaly
182, 166, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 155, 207 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(197, 155, 207)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 207)  
}
```

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(197, 155, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 207) }
```

Border

The CSS property to change the border of an element to RYB 197, 155, 207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

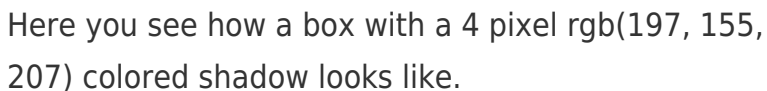
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 155, 207) }
```

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

```
.border{ border-color:rgb(197, 155, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 155, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 197, 155, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 207) }
```

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

```
.background{ background-color: rgb(197,  
155, 207) }
```

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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