

Converting Colors

`RYB(199, 95, 171)`

Have a look what the booklet for RYB(199, 95, 171) contains.

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Color

R_YB(199, 95, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C75FAB
RGB	199, 95, 171
RGB Percent	78%, 37%, 67%
CMY	0.2196, 0.6275, 0.3294
CMYK	0.00, 0.52, 0.14, 0.22
HSL	316°, 48%, 58%
HSV	316°, 52%, 78%
XYZ	34.9961, 23.2668, 41.1745
YIQ	134.7600, 37.5880, 45.6840

Conversions

Conversions Part 2

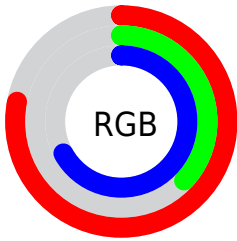
Format	Color
RYB	199, 95, 171
Decimal	13066155
CIELab	55.35, 50.84, -21.62
CIELCh	55, 55.248, 336.965
Yxy	23.2668, 0.3519, 0.2340
Android (android.graphics.Color)	4291256235 (0xFFC75FAB)
YUV	134.7600, 17.8663, 56.3385
Hunter-Lab	48.2357, 45.0934, -16.8456

Details

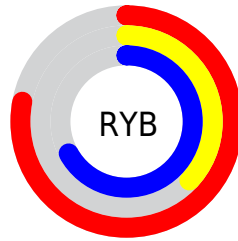
The RYB color **199, 95, 171** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **95, 177, 199**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 149, 226**, and **143, 41, 119** is the 20% darker color. If you saturate the color by 10%, you get **199, 75, 166**, and if you desaturate by 10%, it is **199, 115, 176**.

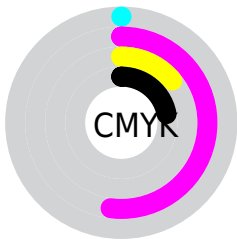
Distribution



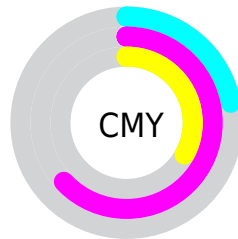
- Red (78%)
- Green (37%)
- Blue (67%)



- Red (78%)
- Yellow (37%)
- Blue (67%)



- Cyan (0%)
- Magenta (52%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 95, 171 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 199, 95, 171 by changing the saturation by 10% instead.



199, 95, 171



199, 95, 171

255, 255, 255



170, 68, 144



255, 149, 226



143, 41, 119



255, 177, 255



115, 3, 94



255, 205, 255



88, 0, 70



255, 234, 255



63, 0, 47



38, 0, 26



0, 0, 0



199, 95, 171



199, 95, 171



199, 75, 166



199, 115, 176

 199, 55, 160

 199, 135, 182

 199, 35, 155

 199, 155, 187

 199, 15, 150

 199, 175, 192

 199, 0, 145

 199, 195, 198

 199, 211, 214

 199, 226, 234

 199, 242, 254

 199, 240, 255

Harmonies

Analogous

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



149, 115, 210



199, 95, 171



219, 87, 123

Triad

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



199, 95, 171



40, 147, 25



0, 85, 189

Complementary

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



199, 95, 171



95, 177, 199

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.



0, 81, 155



199, 95, 171



50, 146, 100

Square

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



199, 95, 171



179, 187, 41



0, 95, 153



0, 88, 220

Rectangle

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



199, 95, 171



218, 92, 92



0, 95, 153



0, 82, 175

Sweetspot

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



199, 95, 171



255, 214, 244



123, 95, 199



128, 103, 121



0, 0, 0



128, 128, 128

Same Dimension

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



199, 95, 171



255, 94, 212



199, 95, 119



99, 90, 97



163, 0, 119



36, 0, 26

Inverse Universe

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



199, 95, 171



255, 94, 212



95, 154, 199



99, 90, 97



163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RYB color 199, 95, 171 looks on a white background.

Color Contrast Check

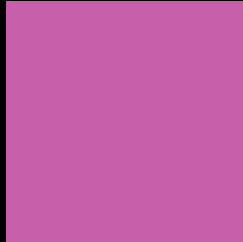
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 95, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

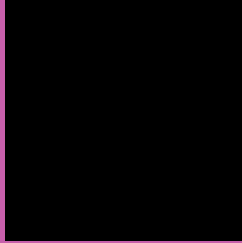
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 199, 95, 171 Background



This preview shows how black text looks on a background with the RYB color 199, 95, 171.

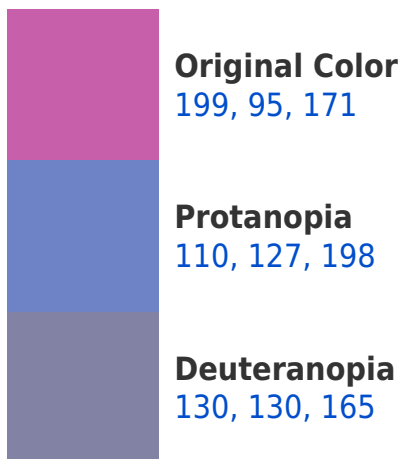



This preview shows how white text looks on a background with the RYB color 199, 95, 171.

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
193, 108, 115

Trichromacy



Original Color

199, 95, 171



Protanomaly

142, 118, 188



Deuteranomaly

155, 117, 167



Tritanomaly

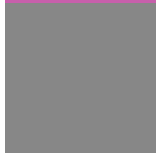
195, 103, 135

Monochromacy



Original Color

199, 95, 171



Achromatopsia

135, 135, 135



Achromatomaly

158, 120, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 95, 171 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(199, 95, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 95, 171)  
}
```

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(199, 95, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 95, 171) }
```

Border

The CSS property to change the border of an element to RYB 199, 95, 171 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(199, 95, 171) }
```

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

```
.border{ border-color:rgb(199, 95, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 95, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 95, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 95, 171);  
box-shadow:4px 4px 4px 4px rgb(199, 95,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 199, 95, 171 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 95, 171) }
```

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

```
.background{ background-color: rgb(199, 95,  
171) }
```

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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