

Converting Colors

`RYB(199, 129, 191)`

Have a look what the booklet for
RYB(199, 129, 191) contains.

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Color

R_YB(199, 129, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C781BF
RGB	199, 129, 191
RGB Percent	78%, 51%, 75%
CMY	0.2196, 0.4941, 0.2510
CMYK	0.00, 0.35, 0.04, 0.22
HSL	307°, 38%, 64%
HSV	307°, 35%, 78%
XYZ	40.8074, 31.6042, 53.2397
YIQ	156.9980, 21.8180, 34.1220

Conversions

Conversions Part 2

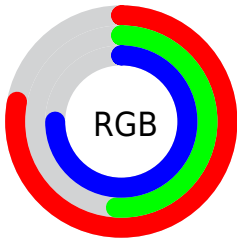
Format	Color
R_{YB}	199, 129, 191
Decimal	13074879
CIE _{Lab}	63.01, 36.62, -21.33
CIE _{LCh}	63, 42.379, 329.778
Yxy	31.6042, 0.3248, 0.2515
Android (android.graphics.Color)	4291264959 (0xFFC781BF)
YUV	156.9980, 16.7630, 36.8358
Hunter-Lab	56.2176, 31.1893, -16.7969

Details

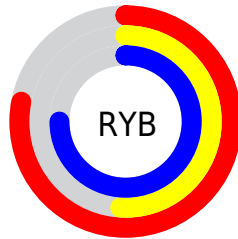
The RYB color **199, 129, 191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **129, 192, 199**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 183, 247**, and **144, 78, 137** is the 20% darker color. If you saturate the color by 10%, you get **199, 109, 189**, and if you desaturate by 10%, it is **199, 149, 193**.

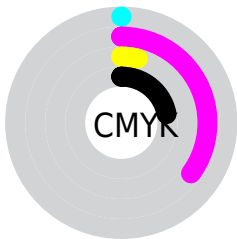
Distribution



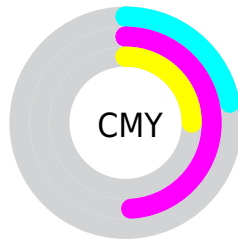
- Red (78%)
- Green (51%)
- Blue (75%)



- Red (78%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the RYB color 199, 129, 191 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, 129, 191 by changing the saturation by 10% instead.


 199, 129, 191


255, 255, 255

 255, 183, 247

 255, 211, 255

 255, 240, 255

 199, 129, 191

 171, 103, 164

 144, 78, 137

 117, 53, 112

 92, 29, 87


 67, 1, 64

 44, 0, 42

 6, 0, 20

 0, 0, 0

 199, 129, 191

 199, 129, 191

199, 109, 189

199, 149, 193

199, 89, 186

199, 169, 196

199, 69, 184

199, 189, 198

199, 49, 182

199, 208, 209

199, 30, 180

199, 226, 229

199, 10, 177

199, 243, 248

199, 0, 176

199, 248, 255

199, 247, 255

199, 245, 255

Harmonies

Analogous

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



155, 143, 218



199, 129, 191



221, 122, 154

Triad

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



199, 129, 191



110, 176, 75



0, 90, 189

Complementary

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



199, 129, 191



129, 192, 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, 92, 172



199, 129, 191



85, 161, 109

Square

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



199, 129, 191



206, 172, 88



90, 151, 169



0, 94, 217

Rectangle

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



199, 129, 191



224, 123, 129



90, 151, 169



0, 87, 177

Sweetspot

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



199, 129, 191



255, 227, 252



136, 129, 199



128, 111, 126



0, 0, 0



128, 128, 128

Same Dimension

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



199, 129, 191



255, 148, 243



199, 129, 157



99, 90, 98



163, 0, 145



36, 0, 32

Inverse Universe

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



199, 129, 191



255, 148, 243



129, 173, 199



99, 90, 98



163, 0, 145



36, 0, 32

Previews

White Background



This preview shows how the RYB color 199, 129, 191 looks on a white background.

Color Contrast Check

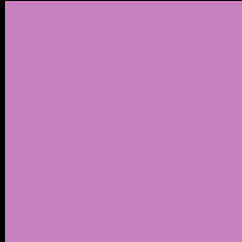
Large Text (above 18pt) WCAG AA × Fail

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 199, 129, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

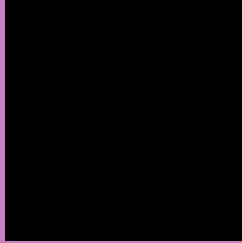
Any Text WCAG AA ✓ Pass

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 199, 129, 191 Background



This preview shows how black text looks on a background with the RYB color 199, 129, 191.

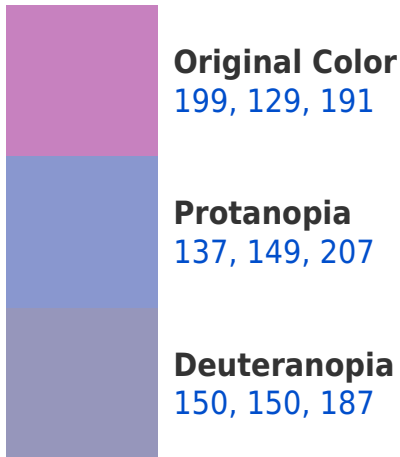



This preview shows how white text looks on a background with the RYB color 199, 129, 191.

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
194, 138, 148

Trichromacy



Original Color

199, 129, 191



Protanomaly

160, 143, 201



Deuteranomaly

168, 142, 188



Tritanomaly

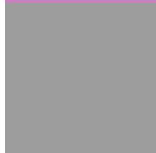
196, 135, 164

Monochromacy



Original Color

199, 129, 191



Achromatopsia

157, 157, 157



Achromatomaly

172, 147, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 129, 191 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, 129, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 129, 191)  
}
```

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, 129, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 129, 191) }
```

Border

The CSS property to change the border of an element to RYB 199, 129, 191 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, 129, 191) }
```

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

```
.border{ border-color:rgb(199, 129, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 129, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 129, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 129, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 129,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 199, 129, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 129, 191) }
```

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

```
.background{ background-color: rgb(199,  
129, 191) }
```

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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