

Converting Colors

`RYB(201, 115, 162)`

Have a look what the booklet for
RYB(201, 115, 162) contains.

RYB(201, 115, 162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(201, 115, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	C973A2
RGB	201, 115, 162
RGB Percent	79%, 45%, 64%
CMY	0.2118, 0.5490, 0.3647
CMYK	0.00, 0.43, 0.19, 0.21
HSL	327°, 44%, 62%
HSV	327°, 43%, 79%
XYZ	36.7397, 27.2876, 37.5131
YIQ	146.0720, 36.1690, 32.8490

Conversions

Conversions Part 2

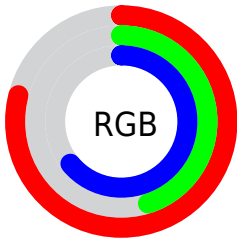
Format	Color
R _Y B	201, 115, 162
Decimal	13202338
CIE Lab	59.24, 39.92, -10.48
CIE LCh	59, 41.270, 345.284
Yxy	27.2876, 0.3618, 0.2687
Android (android.graphics.Color)	4291392418 (0xFFC973A2)
YUV	146.0720, 7.8525, 48.1719
Hunter-Lab	52.2375, 34.1269, -6.0113

Details

The RYB color **201, 115, 162** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **115, 174, 201**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 169, 217**, and **145, 64, 110** is the 20% darker color. If you saturate the color by 10%, you get **201, 95, 153**, and if you desaturate by 10%, it is **201, 135, 171**.

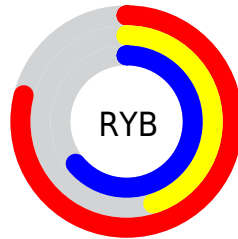
Distribution



Red (79%)

Green (45%)

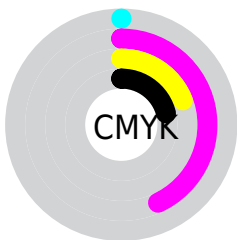
Blue (64%)



Red (79%)

Yellow (45%)

Blue (64%)

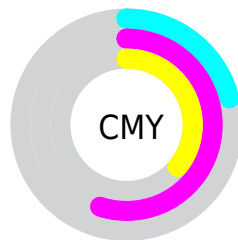


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (21%)



Cyan (21%)


Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 115, 162 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 201, 115, 162 by changing the saturation by 10% instead.

 201, 115, 162

255, 255, 255


 255, 169, 217


 255, 196, 245

 255, 225, 255

255, 254, 255

 201, 115, 162

 201, 95, 153

 201, 115, 162

 173, 89, 136

 145, 64, 110


 118, 38, 86


 92, 9, 63


 66, 0, 41


 45, 0, 21


 0, 0, 0


 201, 115, 162


 201, 135, 171


 201, 75, 144


 201, 155, 180

 201, 55, 135


 201, 175, 189

 201, 35, 126

 201, 195, 198

 201, 15, 116

 201, 211, 216

 201, 0, 110

 201, 225, 236

 201, 238, 255

 201, 234, 255

 201, 231, 255

Harmonies

Analogous

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



169, 126, 194



201, 115, 162



212, 113, 125

Triad

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



201, 115, 162



71, 147, 70



0, 87, 193

Complementary

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



201, 115, 162



115, 174, 201

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, 161



201, 115, 162



90, 155, 139

Square

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



201, 115, 162



152, 180, 72



50, 116, 160



27, 102, 212

Rectangle

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



201, 115, 162



208, 121, 103



50, 116, 160



0, 85, 183

Sweetspot

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



201, 115, 162



255, 222, 240



154, 115, 201



128, 107, 118



0, 0, 0



128, 128, 128

Same Dimension

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



201, 115, 162



255, 125, 196



201, 115, 119



99, 90, 95



163, 0, 89



36, 0, 20

Inverse Universe

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



201, 115, 162



255, 125, 196



115, 159, 201



99, 90, 95



163, 0, 89



36, 0, 20

Previews

White Background



This preview shows how the RYB color 201, 115, 162 looks on a white background.

Color Contrast Check

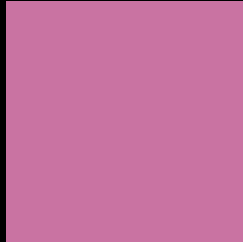
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 115, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

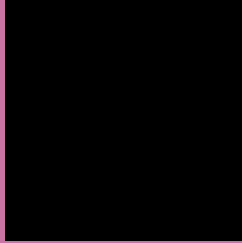
Any Text WCAG AA ✓ Pass

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 201, 115, 162 Background



This preview shows how black text looks on a background with the RYB color 201, 115, 162.

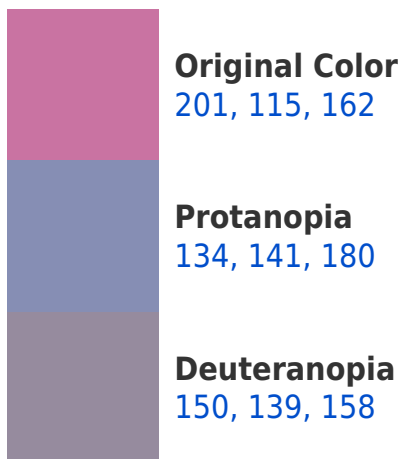



This preview shows how white text looks on a background with the RYB color 201, 115, 162.

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
198, 121, 130

Trichromacy



Original Color
201, 115, 162

Protanomaly
158, 132, 173

Deuteranomaly
169, 130, 159

Tritanomaly
199, 119, 142

Monochromacy



Original Color
201, 115, 162

Achromatopsia
146, 146, 146

Achromatomaly
166, 135, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 115, 162 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(201, 115, 162) looks like.

```
.text, #text, p{  
    color:rgb(201, 115, 162)  
}
```

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(201, 115, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 115, 162) }
```

Border

The CSS property to change the border of an element to RYB 201, 115, 162 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(201, 115, 162) }
```

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

```
.border{ border-color:rgb(201, 115, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 115, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 115, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 115, 162);  
box-shadow:4px 4px 4px 4px rgb(201, 115,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 201, 115, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 115, 162) }
```

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

```
.background{ background-color: rgb(201,  
115, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor