

Converting Colors

`RYB(191, 114, 153)`

Have a look what the booklet for
RYB(191, 114, 153) contains.

RYB(191, 114, 153)	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

R_YB(191, 114, 153)

Conversions

Conversions Part 1

Format	Color
Hex	BF7299
RGB	191, 114, 153
RGB Percent	75%, 45%, 60%
CMY	0.2510, 0.5529, 0.4000
CMYK	0.00, 0.40, 0.20, 0.25
HSL	330°, 38%, 60%
HSV	330°, 40%, 75%
XYZ	33.2529, 25.4109, 33.2892
YIQ	141.4690, 33.3730, 28.4530

Conversions

Conversions Part 2

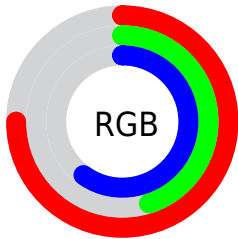
Format	Color
R_{YB}	191, 114, 153
Decimal	12546713
CIE _{Lab}	57.47, 35.62, -8.06
CIE _{LCh}	57, 36.520, 347.257
Yxy	25.4109, 0.3616, 0.2763
Android (android.graphics.Color)	4290736793 (0xFFBF7299)
YUV	141.4690, 5.6848, 43.4387
Hunter-Lab	50.4092, 29.5331, -3.8674

Details

The RYB color **191, 114, 153** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **114, 166, 191**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **249, 167, 207**, and **136, 64, 102** is the 20% darker color. If you saturate the color by 10%, you get **191, 95, 144**, and if you desaturate by 10%, it is **191, 133, 162**.

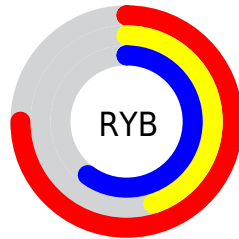
Distribution



Red (75%)

Green (45%)

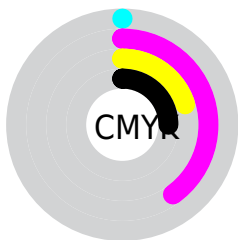
Blue (60%)



Red (75%)

Yellow (45%)

Blue (60%)

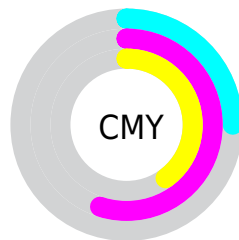


Cyan (0%)

Magenta (40%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 114, 153 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 191, 114, 153 by changing the saturation by 10% instead.

 191, 114, 153

255, 255, 255

 249, 167, 207

 255, 195, 236

 255, 223, 255


 255, 252, 255

 191, 114, 153

 163, 88, 127


 136, 64, 102


 109, 39, 78


 83, 12, 55


 58, 0, 34

 37, 0, 10

 0, 0, 0

 191, 114, 153

 191, 95, 144

 191, 114, 153

 191, 133, 162

191, 76, 134

191, 152, 172

191, 57, 125

191, 171, 181

191, 38, 115

191, 190, 191

191, 19, 106

191, 204, 210

191, 0, 97

191, 216, 229

191, 229, 248

191, 232, 255

191, 228, 255

Harmonies

Analogous

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



164, 123, 182



191, 114, 153



200, 113, 121

Triad

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



191, 114, 153



76, 142, 78



0, 83, 184

Complementary

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



191, 114, 153



114, 166, 191

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, 78, 156



191, 114, 153



93, 150, 139

Square

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



191, 114, 153



141, 170, 75



59, 116, 154



59, 112, 200

Rectangle

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



191, 114, 153



196, 120, 101



59, 116, 154



0, 82, 176

Sweetspot

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



191, 114, 153



247, 218, 233



151, 114, 191



125, 107, 116



252, 252, 252



125, 125, 125

Same Dimension

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



191, 114, 153



247, 129, 189



191, 114, 115



94, 85, 90



158, 0, 80



31, 0, 15

Inverse Universe

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



191, 114, 153



247, 129, 189



114, 153, 191



94, 85, 90



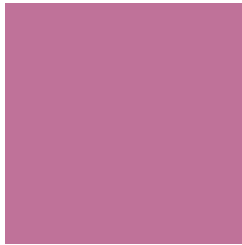
158, 0, 80



31, 0, 15

Previews

White Background



This preview shows how the RYB color 191, 114, 153 looks on a white background.

Color Contrast Check

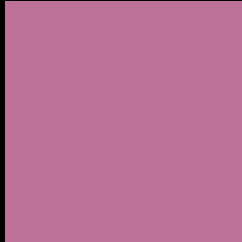
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 114, 153 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 191, 114, 153 Background



This preview shows how black text looks on a background with the RYB color 191, 114, 153.

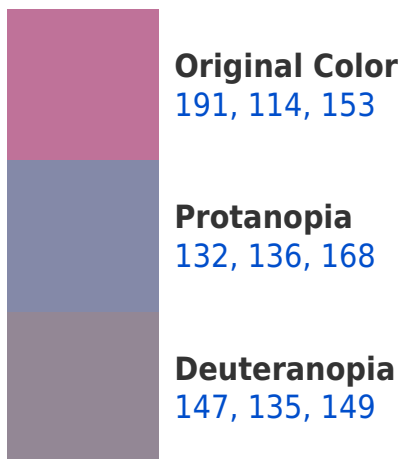



This preview shows how white text looks on a background with the RYB color 191, 114, 153.

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
188, 119, 128

Trichromacy



Original Color
191, 114, 153

Protanomaly
153, 129, 163

Deuteranomaly
163, 127, 150

Tritanomaly
189, 117, 137

Monochromacy



Original Color
191, 114, 153

Achromatopsia
141, 141, 141

Achromatomaly
159, 131, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 114, 153 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(191, 114, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 114, 153)  
}
```

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(191, 114, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 114, 153) }
```

Border

The CSS property to change the border of an element to RYB 191, 114, 153 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(191, 114, 153) }
```

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

```
.border{ border-color:rgb(191, 114, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 114, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 114, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 114, 153);  
box-shadow:4px 4px 4px 4px rgb(191, 114,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 191, 114, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 114, 153) }
```

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

```
.background{ background-color: rgb(191,  
114, 153) }
```

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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