

Converting Colors

`RYB(191, 76, 118)`

Have a look what the booklet for
RYB(191, 76, 118) contains.

RYB(191, 76, 118)	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

`RYB(191, 76, 118)`

Conversions

Conversions Part 1

Format	Color
Hex	BF4C76
RGB	191, 76, 118
RGB Percent	75%, 30%, 46%
CMY	0.2510, 0.7020, 0.5373
CMYK	0.00, 0.60, 0.38, 0.25
HSL	338°, 47%, 52%
HSV	338°, 60%, 75%
XYZ	27.3403, 17.5533, 19.0867
YIQ	115.1730, 55.0580, 37.4420

Conversions

Conversions Part 2

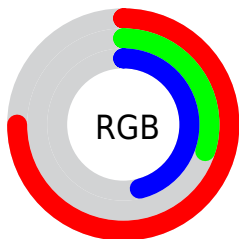
Format	Color
R_{YB}	191, 76, 118
Decimal	12536950
CIE Lab	48.95, 50.10, 0.05
CIE LCh	49, 50.103, 0.058
Yxy	17.5533, 0.4273, 0.2744
Android (android.graphics.Color)	4290727030 (0xFFBF4C76)
YUV	115.1730, 1.3937, 66.5003
Hunter-Lab	41.8966, 43.1640, 2.3171

Details

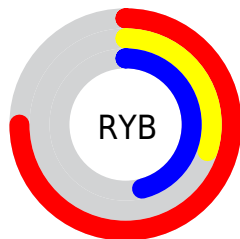
The RYB color **191, 76, 118** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **76, 146, 191**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **251, 130, 170**, and **133, 15, 70** is the 20% darker color. If you saturate the color by 10%, you get **191, 57, 106**, and if you desaturate by 10%, it is **191, 95, 130**.

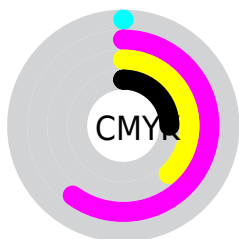
Distribution



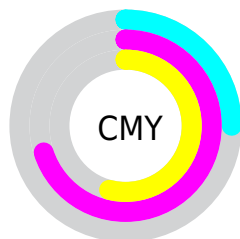
- Red (75%)
- Green (30%)
- Blue (46%)



- Red (75%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (60%)
- Yellow (38%)
- Black (25%)




- Cyan (25%)
- Magenta (70%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the RYB color 191, 76, 118 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, 76, 118 by changing the saturation by 10% instead.

 191, 76, 118

255, 255, 255


 251, 130, 170

 255, 157, 197

 255, 185, 225

 255, 214, 254

 255, 243, 255

 191, 76, 118

 162, 48, 93

 133, 15, 70


 105, 0, 48


 78, 0, 27


 54, 0, 2


 6, 0, 0

 0, 0, 0

 191, 76, 118

 191, 57, 106

 191, 76, 118

 191, 95, 130

■ 191, 38, 94

■ 191, 114, 142

■ 191, 19, 82

■ 191, 133, 154

■ 191, 0, 70

■ 191, 152, 166

■ 191, 171, 179

■ 191, 191, 191

■ 191, 203, 210

■ 191, 214, 229

■ 191, 226, 248

Harmonies

Analogous

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



167, 87, 159



191, 76, 118



191, 82, 76

Triad

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



191, 76, 118



36, 126, 66



0, 77, 189

Complementary

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



191, 76, 118



76, 146, 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, 73, 158



191, 76, 118



28, 102, 133

Square

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



191, 76, 118



51, 138, 21



0, 74, 136



0, 76, 201

Rectangle

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



191, 76, 118



179, 110, 52



0, 74, 136



0, 77, 181

Sweetspot

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



191, 76, 118



247, 203, 219



149, 76, 191



125, 97, 108



252, 252, 252



125, 125, 125

Same Dimension

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



191, 76, 118



247, 69, 134



191, 93, 76



94, 85, 88



158, 0, 58



31, 0, 11

Inverse Universe

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



191, 76, 118



247, 69, 134



76, 129, 191



94, 85, 88



158, 0, 58



31, 0, 11

Previews

White Background



This preview shows how the RYB color 191, 76, 118 looks on a white background.

Color Contrast Check

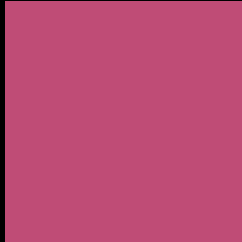
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 191, 76, 118 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, 76, 118 Background



This preview shows how black text looks on a background with the RYB color 191, 76, 118.



This preview shows how white text looks on a background with the RYB color 191, 76, 118.

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
189, 82, 88

Trichromacy



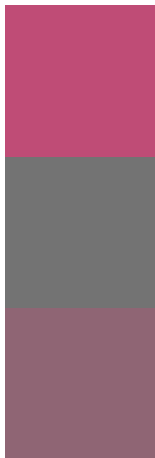
Original Color
191, 76, 118

Protanomaly
140, 101, 133

Deuteranomaly
152, 100, 114

Tritanomaly
190, 80, 99

Monochromacy



Original Color
191, 76, 118

Achromatopsia
115, 115, 115

Achromatomaly
143, 101, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 76, 118 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, 76, 118)` looks like.

```
.text, #text, p{  
    color:rgb(191, 76, 118)  
}
```

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, 76, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 76, 118) }
```

Border

The CSS property to change the border of an element to RYB 191, 76, 118 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, 76, 118) }
```

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

```
.border{ border-color:rgb(191, 76, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 76, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 76, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 76, 118);  
box-shadow:4px 4px 4px 4px rgb(191, 76,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 191, 76, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 76, 118) }
```

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

```
.background{ background-color: rgb(191, 76,  
118) }
```

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