

Converting Colors

`RYB(191, 76, 102)`

Have a look what the booklet for
RYB(191, 76, 102) contains.

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Color

`RYB(191, 76, 102)`

Conversions

Conversions Part 1

Format	Color
Hex	BF4C66
RGB	191, 76, 102
RGB Percent	75%, 30%, 40%
CMY	0.2510, 0.7020, 0.6000
CMYK	0.00, 0.60, 0.47, 0.25
HSL	346°, 47%, 52%
HSV	346°, 60%, 75%
XYZ	26.4686, 17.2046, 14.4961
YIQ	113.3490, 60.1940, 32.4660

Conversions

Conversions Part 2

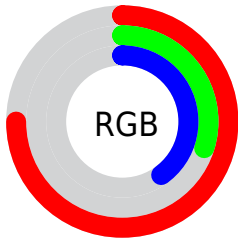
Format	Color
R_{YB}	191, 76, 102
Decimal	12536934
CIE Lab	48.52, 48.42, 9.11
CIE LCh	49, 49.274, 10.657
Yxy	17.2046, 0.4550, 0.2958
Android (android.graphics.Color)	4290727014 (0xFFBF4C66)
YUV	113.3490, -5.5951, 68.0999
Hunter-Lab	41.4784, 41.3189, 8.3138

Details

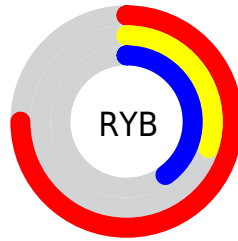
The RYB color **191, 76, 102** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **76, 141, 191**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **251, 130, 153**, and **133, 17, 55** is the 20% darker color. If you saturate the color by 10%, you get **191, 57, 87**, and if you desaturate by 10%, it is **191, 95, 117**.

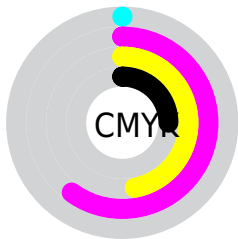
Distribution



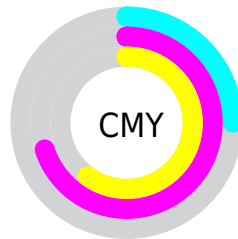
- Red (75%)
- Green (30%)
- Blue (40%)



- Red (75%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (60%)
- Yellow (47%)
- Black (25%)



- Cyan (25%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 76, 102 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, 102 by changing the saturation by 10% instead.



191, 76, 102



191, 76, 102

255, 255, 255



162, 49, 78



251, 130, 153



133, 17, 55



255, 157, 180



104, 0, 34



255, 185, 207



77, 0, 12



255, 214, 235



51, 0, 2



255, 243, 255



0, 0, 0



191, 76, 102



191, 76, 102



191, 57, 87




191, 95, 117





191, 38, 72





191, 114, 132


 191, 19, 58

 191, 133, 146


 191, 0, 43

 191, 152, 161

 191, 171, 176

 191, 191, 191

 191, 202, 210

 191, 213, 229

 191, 223, 248

Harmonies

Analogous

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



177, 81, 144



191, 76, 102



183, 93, 63

Triad

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



191, 76, 102



48, 128, 99



0, 77, 194

Complementary

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



191, 76, 102



76, 141, 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, 75, 169



191, 76, 102



0, 81, 133

Square

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



191, 76, 102



28, 123, 23



0, 69, 135



59, 99, 197

Rectangle

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



191, 76, 102



169, 144, 41



0, 69, 135



0, 77, 187

Sweetspot

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



191, 76, 102



247, 203, 213



164, 76, 191



125, 97, 104



252, 252, 252



125, 125, 125

Same Dimension

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



191, 76, 102



247, 69, 110



191, 118, 76



94, 85, 87



158, 0, 36



31, 0, 7

Inverse Universe

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



191, 76, 102



247, 69, 110



76, 125, 191



94, 85, 87



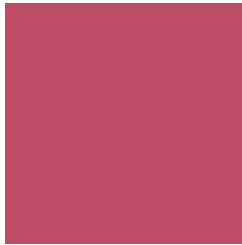
158, 0, 36



31, 0, 7

Previews

White Background



This preview shows how the RYB color 191, 76, 102 looks on a white background.

Color Contrast Check

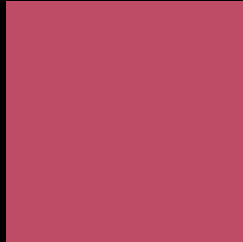
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

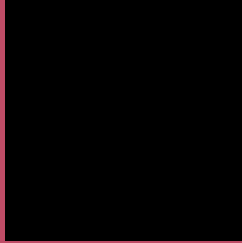
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 191, 76, 102 Background



This preview shows how black text looks on a background with the RYB color 191, 76, 102.



This preview shows how white text looks on a background with the RYB color 191, 76, 102.

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



Original Color
191, 76, 102

Protanopia
116, 115, 123

Deuteranopia
134, 120, 97



Tritanopia
190, 79, 84

Trichromacy



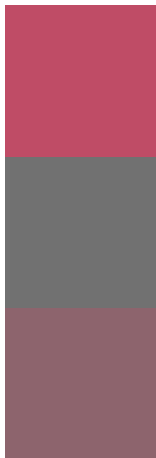
Original Color
191, 76, 102

Protanomaly
143, 101, 115

Deuteranomaly
155, 98, 99

Tritanomaly
190, 78, 91

Monochromacy



Original Color
191, 76, 102

Achromatopsia
113, 113, 113

Achromatomaly
141, 100, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 76, 102 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(191, 76, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 76, 102) }
```

Border

The CSS property to change the border of an element to RYB 191, 76, 102 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, 102) }
```

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

```
.border{ border-color:rgb(191, 76, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 76, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 76, 102);  
box-shadow:4px 4px 4px 4px rgb(191, 76,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 191, 76, 102 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, 102) }
```

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

```
.background{ background-color: rgb(191, 76,  
102) }
```

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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