

Converting Colors

`RYB(191, 123, 150)`

Have a look what the booklet for
RYB(191, 123, 150) contains.

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Color

R_YB(191, 123, 150)

Conversions

Conversions Part 1

Format	Color
Hex	BF7B96
RGB	191, 123, 150
RGB Percent	75%, 48%, 59%
CMY	0.2510, 0.5176, 0.4118
CMYK	0.00, 0.36, 0.21, 0.25
HSL	336°, 35%, 62%
HSV	336°, 36%, 75%
XYZ	34.0738, 27.4443, 32.3556
YIQ	146.4100, 31.8610, 22.8130

Conversions

Conversions Part 2

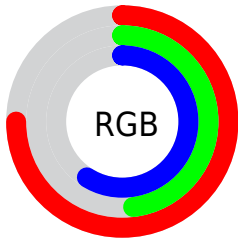
Format	Color
RYB	191, 123, 150
Decimal	12549014
CIELab	59.38, 30.26, -3.49
CIELCh	59, 30.465, 353.419
Yxy	27.4443, 0.3630, 0.2924
Android (android.graphics.Color)	4290739094 (0xFFBF7B96)
YUV	146.4100, 1.7699, 39.1054
Hunter-Lab	52.3873, 24.4225, 0.0523

Details

The RYB color **191, 123, 150** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **123, 165, 191**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **249, 176, 204**, and **136, 73, 99** is the 20% darker color. If you saturate the color by 10%, you get **191, 104, 138**, and if you desaturate by 10%, it is **191, 142, 162**.

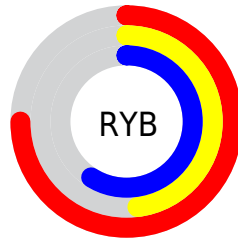
Distribution



Red (75%)

Green (48%)

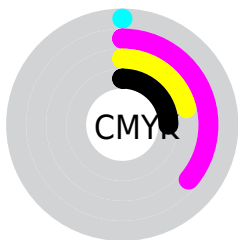
Blue (59%)



Red (75%)

Yellow (48%)

Blue (59%)

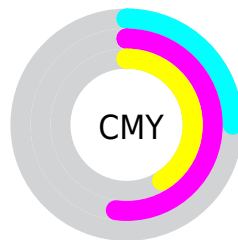


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 123, 150 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, 123, 150 by changing the saturation by 10% instead.


 191, 123, 150

255, 255, 255

 249, 176, 204


 255, 204, 232

 255, 232, 255

 191, 123, 150

 163, 97, 124

 136, 73, 99

 110, 49, 75


 84, 25, 53


 59, 1, 32


 40, 0, 7


 0, 0, 0


 191, 123, 150


 191, 104, 138


 191, 123, 150


 191, 142, 162


 191, 85, 127

 191, 161, 173

 191, 66, 115

 191, 180, 185

 191, 47, 104

 191, 196, 199


 191, 28, 92

 191, 208, 219

 191, 8, 81

 191, 220, 238

 191, 0, 76

 191, 230, 255

 191, 227, 255

 191, 223, 255

Harmonies

Analogous

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



171, 129, 175



191, 123, 150



196, 124, 123

Triad

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



191, 123, 150



93, 148, 101



56, 112, 185

Complementary

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



191, 123, 150



123, 165, 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.



47, 103, 163



191, 123, 150



109, 153, 154

Square

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



191, 123, 150



132, 166, 90



75, 122, 157



96, 130, 196

Rectangle

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



191, 123, 150



191, 135, 107



75, 122, 157



48, 107, 179

Sweetspot

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



191, 123, 150



247, 220, 231



164, 123, 191



125, 109, 115



252, 252, 252



125, 125, 125

Same Dimension

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



191, 123, 150



247, 141, 183



191, 131, 123



94, 85, 89



158, 0, 63



31, 0, 12

Inverse Universe

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



191, 123, 150



247, 141, 183



123, 155, 191



94, 85, 89



158, 0, 63



31, 0, 12

Previews

White Background



This preview shows how the RYB color 191, 123, 150 looks on a white background.

Color Contrast Check

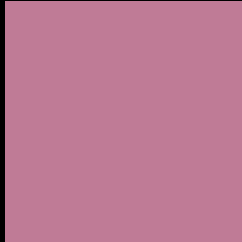
Large Text (above 18pt) WCAG AA ✓ Pass

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, 123, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

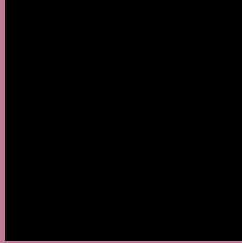
Any Text WCAG AA ✓ Pass

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, 123, 150 Background



This preview shows how black text looks on a background with the RYB color 191, 123, 150.



This preview shows how white text looks on a background with the RYB color 191, 123, 150.

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, 123, 150

Protanopia
140, 142, 162

Deuteranopia
155, 139, 147



Tritanopia
189, 126, 135

Trichromacy



Original Color
191, 123, 150

Protanomaly
159, 135, 158

Deuteranomaly
168, 133, 148

Tritanomaly
190, 125, 140

Monochromacy



Original Color
191, 123, 150

Achromatopsia
146, 146, 146

Achromatomaly
162, 138, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 123, 150 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, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 150)  
}
```

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, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 150) }
```

Border

The CSS property to change the border of an element to RYB 191, 123, 150 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, 123, 150) }
```

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

```
.border{ border-color:rgb(191, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(191, 123,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 191, 123, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 150) }
```

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

```
.background{ background-color: rgb(191,  
123, 150) }
```

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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