

Converting Colors

`RYB(191, 54, 124)`

Have a look what the booklet for
RYB(191, 54, 124) contains.

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Color

RYP(191, 54, 124)

Conversions

Conversions Part 1

Format	Color
Hex	BF367C
RGB	191, 54, 124
RGB Percent	75%, 21%, 49%
CMY	0.2510, 0.7882, 0.5137
CMYK	0.00, 0.72, 0.35, 0.25
HSL	329°, 56%, 48%
HSV	329°, 72%, 75%
XYZ	26.4431, 15.1699, 20.6032
YIQ	102.9430, 59.1820, 50.8140

Conversions

Conversions Part 2

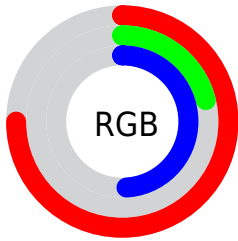
Format	Color
R_{YB}	191, 54, 124
Decimal	12531324
CIE Lab	45.87, 59.74, -8.16
CIE LCh	46, 60.298, 352.227
Yxy	15.1699, 0.4250, 0.2438
Android (android.graphics.Color)	4290721404 (0xFFBF367C)
YUV	102.9430, 10.3811, 77.2260
Hunter-Lab	38.9486, 53.0278, -4.0994

Details

The RYB color **191, 54, 124** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **54, 146, 191**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **251, 112, 176**, and **133, 0, 75** is the 20% darker color. If you saturate the color by 10%, you get **191, 35, 115**, and if you desaturate by 10%, it is **191, 73, 133**.

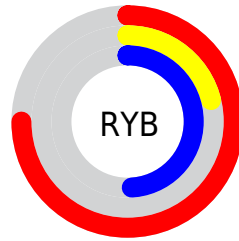
Distribution



Red (75%)

Green (21%)

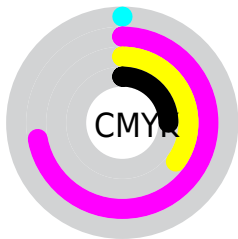
Blue (49%)



Red (75%)

Yellow (21%)

Blue (49%)

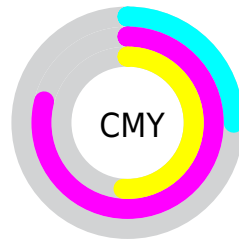


Cyan (0%)

Magenta (72%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (79%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 54, 124 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, 54, 124 by changing the saturation by 10% instead.

 191, 54, 124

 191, 54, 124

255, 255, 255

 162, 17, 99

 251, 112, 176

 133, 0, 75

 255, 140, 204

 104, 0, 53

 255, 168, 232


 77, 0, 32


 255, 197, 255


 51, 0, 4


 255, 226, 255


 0, 0, 0

 191, 54, 124

 191, 54, 124

 191, 35, 115

 191, 73, 133

 191, 16, 105

 191, 92, 143

■ 191, 0, 98

■ 191, 111, 152

■ 191, 130, 161

■ 191, 150, 171

■ 191, 169, 180

■ 191, 188, 189

■ 191, 202, 207

■ 191, 215, 226

Harmonies

Analogous

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



156, 76, 171



191, 54, 124



196, 57, 74

Triad

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



191, 54, 124



0, 117, 22



0, 76, 188

Complementary

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



191, 54, 124



54, 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, 69, 145



191, 54, 124



9, 101, 126

Square

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



191, 54, 124



56, 142, 0



0, 76, 130



0, 76, 209

Rectangle

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



191, 54, 124



186, 80, 42



0, 76, 130



0, 75, 176

Sweetspot

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



191, 54, 124



247, 193, 221



120, 54, 191



125, 92, 109



252, 252, 252



125, 125, 125

Same Dimension

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



191, 54, 124



247, 35, 143



191, 54, 56



94, 85, 90



158, 0, 81



31, 0, 16

Inverse Universe

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



191, 54, 124



247, 35, 143



54, 123, 191



94, 85, 90



158, 0, 81



31, 0, 16

Previews

White Background



This preview shows how the RYB color 191, 54, 124 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, 54, 124 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, 54, 124 Background



This preview shows how black text looks on a background with the RYB color 191, 54, 124.

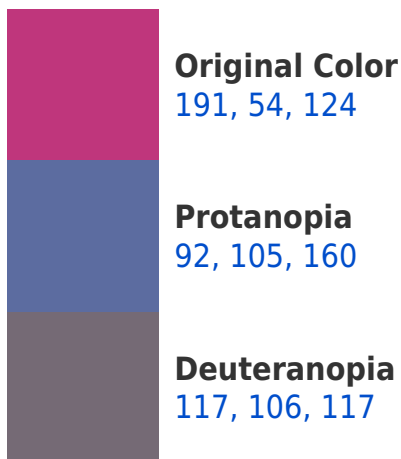


This preview shows how white text looks on a background with the RYB color 191, 54, 124.

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](#).

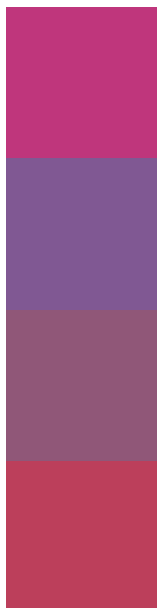
Dichromacy





Tritanopia
187, 68, 72

Trichromacy



Original Color

191, 54, 124

Protanomaly

128, 88, 147

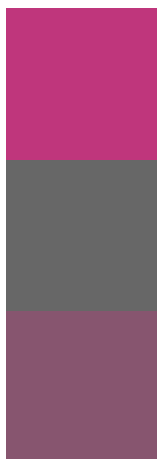
Deuteranomaly

144, 87, 120

Tritanomaly

188, 63, 91

Monochromacy



Original Color

191, 54, 124

Achromatopsia

103, 103, 103

Achromatomaly

135, 85, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 54, 124 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, 54, 124)` looks like.

```
.text, #text, p{  
    color:rgb(191, 54, 124)  
}
```

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, 54, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 54, 124) }
```

Border

The CSS property to change the border of an element to RYB 191, 54, 124 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, 54, 124) }
```

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

```
.border{ border-color:rgb(191, 54, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 54, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 54, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 54, 124);  
box-shadow:4px 4px 4px 4px rgb(191, 54,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 191, 54, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 54, 124) }
```

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

```
.background{ background-color: rgb(191, 54,  
124) }
```

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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