

Converting Colors

`RYB(119, 58, 104)`

Have a look what the booklet for
RYB(119, 58, 104) contains.

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Color

`RYB(119, 58, 104)`

Conversions

Conversions Part 1

Format	Color
Hex	773A68
RGB	119, 58, 104
RGB Percent	47%, 23%, 41%
CMY	0.5333, 0.7725, 0.5922
CMYK	0.00, 0.51, 0.13, 0.53
HSL	315°, 34%, 35%
HSV	315°, 51%, 47%
XYZ	11.6195, 7.9475, 14.0183
YIQ	81.4830, 21.5900, 27.2380

Conversions

Conversions Part 2

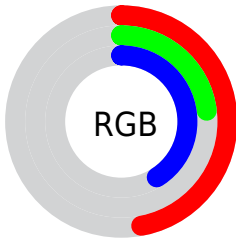
Format	Color
R_{YB}	119, 58, 104
Decimal	7813736
CIE _{Lab}	33.87, 33.18, -15.00
CIE _{LCh}	34, 36.415, 335.673
Yxy	7.9475, 0.3460, 0.2366
Android (android.graphics.Color)	4286003816 (0xFF773A68)
YUV	81.4830, 11.1009, 32.9024
Hunter-Lab	28.1914, 24.2366, -9.7483

Details

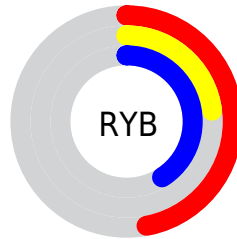
The RYB color **119, 58, 104** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **58, 107, 119**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **173, 108, 155**, and **68, 8, 57** is the 20% darker color. If you saturate the color by 10%, you get **119, 46, 101**, and if you desaturate by 10%, it is **119, 70, 107**.

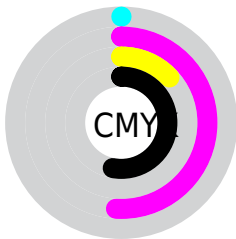
Distribution



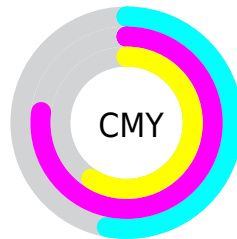
- Red (47%)
- Green (23%)
- Blue (41%)



- Red (47%)
- Yellow (23%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (13%)
- Black (53%)




- Cyan (53%)
- Magenta (77%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 58, 104 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 119, 58, 104 by changing the saturation by 10% instead.

 119, 58, 104


 119, 58, 104

255, 255, 255

 93, 34, 80

 173, 108, 155

 68, 8, 57

 201, 133, 182

 45, 0, 35

 229, 160, 210


 12, 0, 11

 255, 187, 238

 0, 0, 0


 255, 216, 255

 255, 244, 255

 119, 58, 104

 119, 58, 104

 119, 46, 101

 119, 70, 107

■ 119, 34, 98

■ 119, 82, 110

■ 119, 22, 95

■ 119, 94, 113

■ 119, 10, 92

■ 119, 106, 116

■ 119, 0, 90

■ 119, 117, 119

■ 119, 127, 129

■ 119, 137, 141

■ 119, 147, 153

■ 119, 156, 165

Harmonies

Analogous

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



88, 70, 127



119, 58, 104



132, 53, 75

Triad

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



119, 58, 104



29, 90, 17



0, 51, 113

Complementary

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



119, 58, 104



58, 107, 119

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, 50, 94



119, 58, 104



30, 88, 58

Square

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



119, 58, 104



114, 110, 26



5, 60, 92



0, 53, 132

Rectangle

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



119, 58, 104



132, 56, 56



5, 60, 92



0, 49, 104

Sweetspot

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



119, 58, 104



156, 132, 150



72, 58, 119



79, 65, 76



207, 207, 207



79, 79, 79

Same Dimension

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



119, 58, 104



156, 59, 132



119, 58, 74



59, 53, 57



122, 0, 92



250, 0, 188

Inverse Universe

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



119, 58, 104



156, 59, 132



58, 93, 119



59, 53, 57



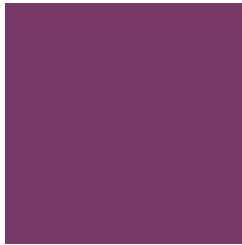
122, 0, 92



250, 0, 188

Previews

White Background



This preview shows how the RYB color 119, 58, 104 looks on a white background.

Color Contrast Check

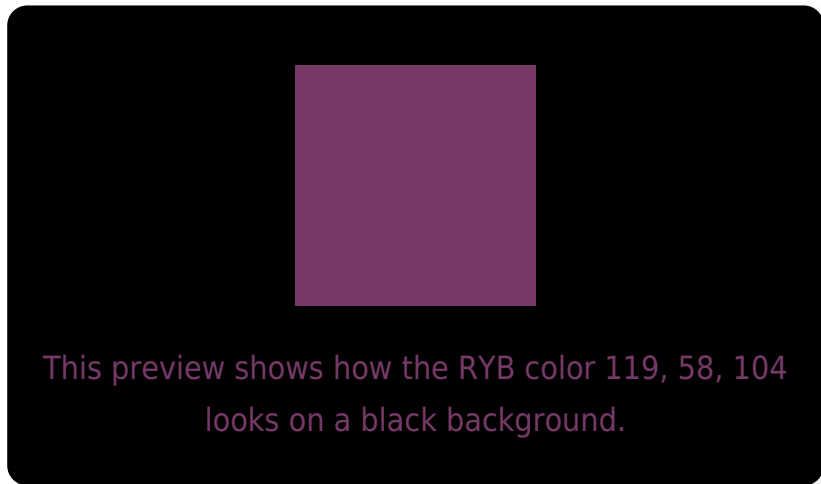
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

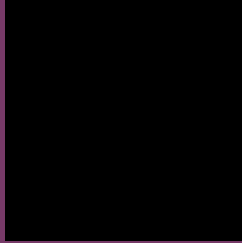
Any Text WCAG AA × Fail

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](#).

R Y B 119, 58, 104 Background



This preview shows how black text looks on a background with the R Y B color 119, 58, 104.



This preview shows how white text looks on a background with the R Y B color 119, 58, 104.

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
119, 58, 104

Protanopia
66, 76, 120

Deuteranopia
78, 79, 100



Tritanopia
115, 66, 70

Trichromacy



Original Color

119, 58, 104

Protanomaly

85, 71, 114

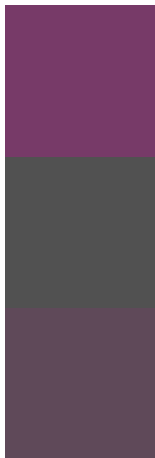
Deuteranomaly

93, 71, 101

Tritanomaly

116, 63, 82

Monochromacy



Original Color

119, 58, 104

Achromatopsia

81, 81, 81

Achromatomaly

95, 73, 89

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 58, 104 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(119, 58, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 58, 104)  
}
```

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(119, 58, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 58, 104) }
```

Border

The CSS property to change the border of an element to RYB 119, 58, 104 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(119, 58, 104) }
```

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

```
.border{ border-color:rgb(119, 58, 104) }
```

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

Here you see how a box with a 4 pixel rgb(119, 58, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 58, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 58, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 58,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 119, 58, 104 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 58, 104) }
```

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

```
.background{ background-color: rgb(119, 58,  
104) }
```

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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