

Converting Colors

`RYB(119, 75, 109)`

Have a look what the booklet for
RYB(119, 75, 109) contains.

RYB(119, 75, 109)	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

R_YB(119, 75, 109)

Conversions

Conversions Part 1

Format	Color
Hex	774B6D
RGB	119, 75, 109
RGB Percent	47%, 29%, 43%
CMY	0.5333, 0.7059, 0.5725
CMYK	0.00, 0.37, 0.08, 0.53
HSL	314°, 23%, 38%
HSV	314°, 37%, 47%
XYZ	12.8841, 10.0582, 15.7304
YIQ	92.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

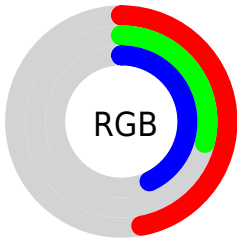
Format	Color
R_{YB}	119, 75, 109
Decimal	7818093
CIE _{Lab}	37.95, 24.32, -11.93
CIE _{LCh}	38, 27.088, 333.865
Yxy	10.0582, 0.3332, 0.2601
Android (android.graphics.Color)	4286008173 (0xFF774B6D)
YUV	92.0320, 8.3652, 23.6509
Hunter-Lab	31.7147, 17.0152, -7.2073

Details

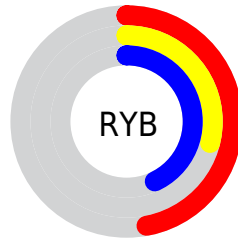
The RYB color **119, 75, 109** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75, 111, 119**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **172, 125, 161**, and **69, 29, 61** is the 20% darker color. If you saturate the color by 10%, you get **119, 63, 106**, and if you desaturate by 10%, it is **119, 87, 112**.

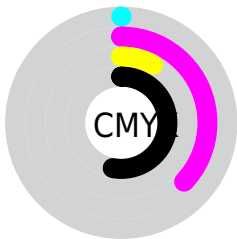
Distribution



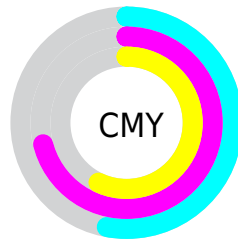
- Red (47%)
- Green (29%)
- Blue (43%)



- Red (47%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 75, 109 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, 75, 109 by changing the saturation by 10% instead.



119, 75, 109



119, 75, 109

255, 255, 255



94, 52, 85



172, 125, 161



69, 29, 61



200, 151, 188



46, 7, 40



228, 178, 215



24, 0, 19



255, 205, 244



0, 0, 0



255, 234, 255



119, 75, 109



119, 75, 109



119, 63, 106



119, 87, 112



119, 51, 104



119, 99, 114

■ 119, 39, 101

■ 119, 111, 117

■ 119, 27, 98

■ 119, 122, 123

■ 119, 15, 95

■ 119, 131, 134

■ 119, 4, 93

■ 119, 141, 146

■ 119, 0, 92

■ 119, 151, 158

■ 119, 160, 170

■ 119, 171, 182

Harmonies

Analogous

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



95, 83, 126



119, 75, 109



130, 72, 87

Triad

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



119, 75, 109



59, 100, 45



0, 53, 113

Complementary

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



119, 75, 109



75, 111, 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.



4, 55, 101



119, 75, 109



52, 95, 70

Square

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



119, 75, 109



119, 106, 50



50, 85, 99



1, 56, 128

Rectangle

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



119, 75, 109



131, 73, 73



50, 85, 99



0, 52, 106

Sweetspot

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



119, 75, 109



156, 138, 152



85, 75, 119



79, 69, 77



207, 207, 207



79, 79, 79

Same Dimension

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



119, 75, 109



156, 87, 140



119, 75, 87



59, 53, 57



122, 0, 95



250, 0, 193

Inverse Universe

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



119, 75, 109



156, 87, 140



75, 100, 119



59, 53, 57



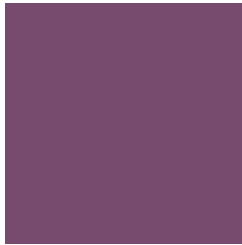
122, 0, 95



250, 0, 193

Previews

White Background



This preview shows how the RYB color 119, 75, 109 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 119, 75, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

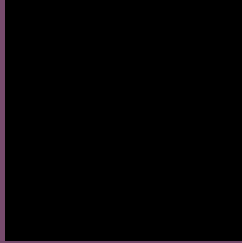
Any Text WCAG AA × Fail

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](#).

R Y B 119, 75, 109 Background



This preview shows how black text looks on a background with the R Y B color 119, 75, 109.



This preview shows how white text looks on a background with the R Y B color 119, 75, 109.

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, 75, 109

Protanopia

81, 88, 119

Deuteranopia

90, 88, 107



Tritanopia
116, 80, 86

Trichromacy



Original Color
119, 75, 109

Protanomaly
95, 84, 115

Deuteranomaly
101, 83, 108

Tritanomaly
117, 78, 94

Monochromacy



Original Color
119, 75, 109

Achromatopsia
92, 92, 92

Achromatomaly
102, 86, 98

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 75, 109 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, 75, 109)` looks like.

```
.text, #text, p{  
    color:rgb(119, 75, 109)  
}
```

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, 75, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 75, 109) }
```

Border

The CSS property to change the border of an element to RYB 119, 75, 109 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, 75, 109) }
```

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

```
.border{ border-color:rgb(119, 75, 109) }
```

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

Here you see how a box with a 4 pixel rgb(119, 75, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 75, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 75, 109);  
box-shadow:4px 4px 4px 4px rgb(119, 75,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 119, 75, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 75, 109) }
```

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

```
.background{ background-color: rgb(119, 75,  
109) }
```

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