

Converting Colors

`RYB(109, 84, 119)`

Have a look what the booklet for
RYB(109, 84, 119) contains.

RYB(109, 84, 119)	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(109, 84, 119)

Conversions

Conversions Part 1

Format	Color
Hex	6D5477
RGB	109, 84, 119
RGB Percent	43%, 33%, 47%
CMY	0.5725, 0.6706, 0.5333
CMYK	0.08, 0.29, 0.00, 0.53
HSL	283°, 17%, 40%
HSV	283°, 29%, 47%
XYZ	12.8068, 10.9238, 18.8863
YIQ	95.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

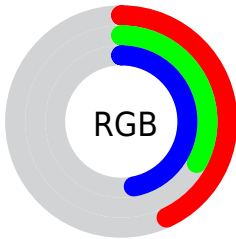
Format	Color
R_{YB}	109, 84, 119
Decimal	7165047
CIE _{Lab}	39.45, 17.32, -15.93
CIE _{LCh}	39, 23.531, 317.384
Yxy	10.9238, 0.3005, 0.2563
Android (android.graphics.Color)	4285355127 (0xFF6D5477)
YUV	95.4650, 11.6028, 11.8702
Hunter-Lab	33.0511, 11.3264, -10.7441

Details

The RYB color **109, 84, 119** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **84, 119, 109**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **161, 134, 171**, and **61, 39, 70** is the 20% darker color. If you saturate the color by 10%, you get **106, 72, 119**, and if you desaturate by 10%, it is **112, 96, 119**.

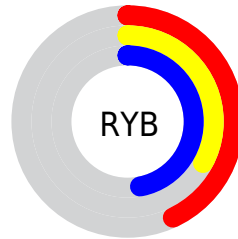
Distribution



Red (43%)

Green (33%)

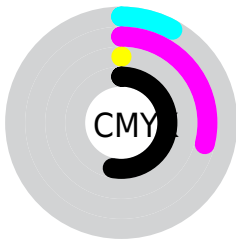
Blue (47%)



Red (43%)

Yellow (33%)

Blue (47%)

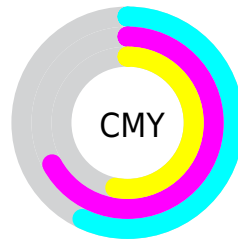


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 84, 119 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 109, 84, 119 by changing the saturation by 10% instead.

■ 109, 84, 119

255, 255, 255

■ 161, 134, 171

■ 188, 160, 199

■ 216, 187, 227

■ 245, 215, 255

■ 255, 243, 255

■ 109, 84, 119

■ 84, 61, 94

■ 61, 39, 70

■ 38, 18, 48

■ 19, 0, 28

■ 0, 0, 0

■ 109, 84, 119

■ 106, 72, 119

■ 102, 60, 119

■ 109, 84, 119

■ 112, 96, 119

■ 116, 108, 119

■ 99, 48, 119

■ 119, 120, 120

■ 95, 36, 119

■ 119, 132, 128

■ 92, 25, 119

■ 119, 143, 136

■ 89, 13, 119

■ 119, 155, 145

■ 85, 1, 119

■ 119, 167, 153

■ 85, 0, 119

■ 119, 179, 162

■ 119, 191, 170

Harmonies

Analogous

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



83, 90, 129



109, 84, 119



125, 79, 102

Triad

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



109, 84, 119



97, 113, 56



24, 64, 104

Complementary

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



109, 84, 119



84, 119, 109

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.



49, 82, 103



109, 84, 119



56, 95, 57

Square

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



109, 84, 119



126, 90, 66



66, 100, 93



22, 66, 121

Rectangle

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



109, 84, 119



130, 78, 89



66, 100, 93



32, 69, 103

Sweetspot

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



109, 84, 119



152, 142, 156



84, 92, 119



77, 70, 79



207, 207, 207



79, 79, 79

Same Dimension

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



109, 84, 119



140, 101, 156



119, 84, 112



57, 53, 59



87, 0, 122



179, 0, 250

Inverse Universe

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



119, 84, 94



156, 101, 117



84, 113, 119



59, 53, 54



122, 0, 35



250, 0, 71

Previews

White Background



This preview shows how the RYB color 109, 84, 119 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 109, 84, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

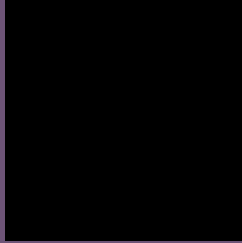
Any Text WCAG AA × Fail

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 109, 84, 119 Background



This preview shows how black text looks on a background with the R Y B color 109, 84, 119.



This preview shows how white text looks on a background with the R Y B color 109, 84, 119.

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


109, 84, 119

Protanopia

84, 91, 125

Deuteranopia

89, 91, 118



Tritanopia
105, 89, 95

Trichromacy



Original Color
109, 84, 119

Protanomaly
93, 89, 123

Deuteranomaly
96, 88, 118

Tritanomaly
106, 87, 104

Monochromacy



Original Color
109, 84, 119

Achromatopsia
95, 95, 95

Achromatomaly
100, 91, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 84, 119 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(109, 84, 119) looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 119)  
}
```

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(109, 84, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 119) }
```

Border

The CSS property to change the border of an element to RYB 109, 84, 119 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(109, 84, 119) }
```

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

```
.border{ border-color:rgb(109, 84, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 84, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 119);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 109, 84, 119 is called "background".

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

```
.background, #background, body{  
background: rgb(109, 84, 119) }
```

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

```
.background{ background-color: rgb(109, 84,  
119) }
```

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