

Converting Colors

`RYB(119, 92, 184)`

Have a look what the booklet for
RYB(119, 92, 184) contains.

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Color

R_YB(119, 92, 184)

Conversions

Conversions Part 1

Format	Color
Hex	775CB8
RGB	119, 92, 184
RGB Percent	47%, 36%, 72%
CMY	0.5333, 0.6392, 0.2784
CMYK	0.35, 0.50, 0.00, 0.28
HSL	258°, 39%, 54%
HSV	258°, 50%, 72%
XYZ	20.0866, 15.0369, 47.1911
YIQ	110.5610, -13.4400, 34.3360

Conversions

Conversions Part 2

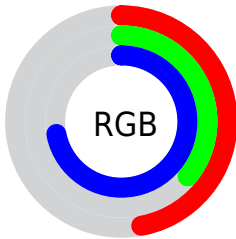
Format	Color
R_{YB}	119, 92, 184
Decimal	7822520
CIE Lab	45.68, 31.94, -45.00
CIE LCh	46, 55.185, 305.366
Yxy	15.0369, 0.2440, 0.1827
Android (android.graphics.Color)	4286012600 (0xFF775CB8)
YUV	110.5610, 36.2054, 7.4010
Hunter-Lab	38.7775, 24.6019, -45.0101

Details

The RYB color **119, 92, 184** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **92, 184, 119**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **174, 143, 241**, and **66, 45, 130** is the 20% darker color. If you saturate the color by 10%, you get **106, 74, 184**, and if you desaturate by 10%, it is **132, 110, 184**.

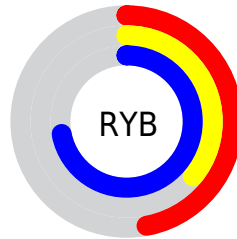
Distribution



Red (47%)

Green (36%)

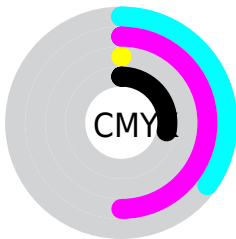
Blue (72%)



Red (47%)

Yellow (36%)

Blue (72%)

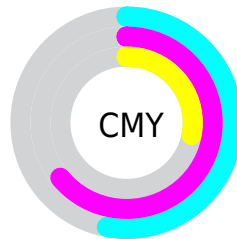


Cyan (35%)

Magenta (50%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (64%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 92, 184 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, 92, 184 by changing the saturation by 10% instead.

■ 119, 92, 184

255, 255, 255

■ 174, 143, 241

■ 202, 170, 255

■ 231, 197, 255

■ 255, 225, 255

255, 254, 255

■ 119, 92, 184

■ 119, 92, 184

■ 92, 68, 157

■ 66, 45, 130

■ 38, 23, 105

■ 3, 1, 80

■ 0, 0, 56

■ 0, 2, 34

■ 0, 0, 7

■ 0, 0, 0

■ 119, 92, 184

■ 106, 74, 184

■ 132, 110, 184

■ 93, 55, 184

■ 145, 129, 184

■ 80, 37, 184

■ 158, 147, 184

■ 67, 18, 184

■ 171, 166, 184

■ 54, 0, 184

■ 184, 184, 184

■ 184, 202, 189

■ 184, 221, 195

■ 184, 239, 200

■ 184, 255, 203

Harmonies

Analogous

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



0, 72, 201



119, 92, 184



170, 70, 148

Triad

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



119, 92, 184



148, 160, 16



0, 68, 129

Complementary

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



119, 92, 184



92, 184, 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, 83, 127



119, 92, 184



15, 122, 0

Square

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



119, 92, 184



184, 73, 57



22, 120, 68



0, 71, 161

Rectangle

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



119, 92, 184



186, 61, 117



22, 120, 68



0, 73, 129

Sweetspot

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



119, 92, 184



214, 204, 240



92, 130, 184



105, 98, 120



247, 247, 247



120, 120, 120

Same Dimension

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



119, 92, 184



138, 96, 240



164, 92, 184



85, 83, 92



46, 0, 156



8, 0, 28

Inverse Universe

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



184, 92, 157



240, 96, 197



92, 184, 164



92, 83, 89



156, 0, 110



28, 0, 20

Previews

White Background



This preview shows how the RYB color 119, 92, 184 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, 92, 184 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 119, 92, 184 Background



This preview shows how black text looks on a background with the RYB color 119, 92, 184.

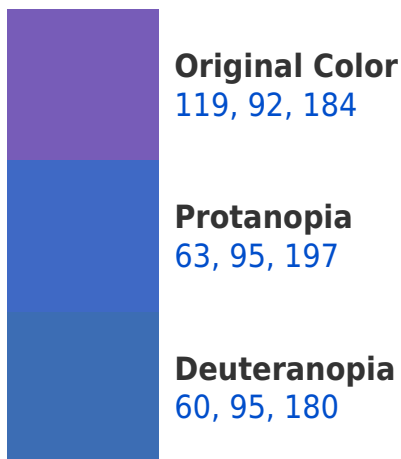


This preview shows how white text looks on a background with the RYB color 119, 92, 184.

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
105, 107, 117

Trichromacy



Original Color
119, 92, 184

Protanomaly
83, 98, 192

Deuteranomaly
81, 99, 181

Tritanomaly
110, 102, 141

Monochromacy



Original Color
119, 92, 184

Achromatopsia
111, 111, 111

Achromatomaly
114, 104, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 92, 184 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, 92, 184)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 184)  
}
```

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, 92, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 184) }
```

Border

The CSS property to change the border of an element to RYB 119, 92, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

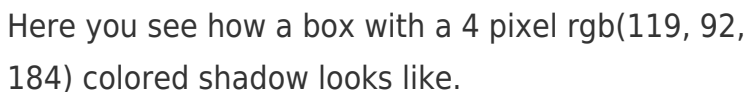
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 92, 184) }
```

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

```
.border{ border-color:rgb(119, 92, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 92, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 92, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 92, 184); box-shadow:4px 4px 4px 4px rgb(119, 92, 184) }
```

Background

The CSS property to change the background color of an element to RGB 119, 92, 184 is called "background".

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

```
.background, #background, body{  
background: rgb(119, 92, 184) }
```

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

```
.background{ background-color: rgb(119, 92,  
184) }
```

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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