

Converting Colors

`RYB(111, 79, 195)`

Have a look what the booklet for
RYB(111, 79, 195) contains.

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Color

R_YB(111, 79, 195)

Conversions

Conversions Part 1

Format	Color
Hex	6F4FC3
RGB	111, 79, 195
RGB Percent	44%, 31%, 76%
CMY	0.5647, 0.6902, 0.2353
CMYK	0.43, 0.59, 0.00, 0.24
HSL	257°, 49%, 54%
HSV	257°, 59%, 76%
XYZ	19.2019, 12.9116, 53.1099
YIQ	101.7920, -18.1640, 42.8600

Conversions

Conversions Part 2

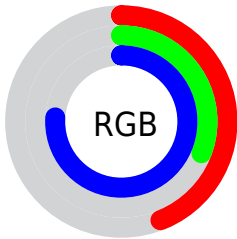
Format	Color
R_{YB}	111, 79, 195
Decimal	7294915
CIE _{Lab}	42.63, 40.67, -56.35
CIE _{LCh}	43, 69.494, 305.820
Yxy	12.9116, 0.2253, 0.1515
Android (android.graphics.Color)	4285484995 (0xFF6F4FC3)
YUV	101.7920, 45.9515, 8.0754
Hunter-Lab	35.9327, 32.5052, -62.4799

Details

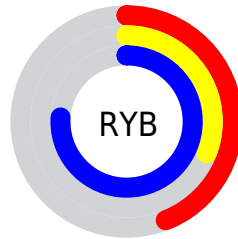
The RYB color **111, 79, 195** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **79, 195, 111**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **168, 129, 252**, and **53, 32, 140** is the 20% darker color. If you saturate the color by 10%, you get **97, 60, 195**, and if you desaturate by 10%, it is **125, 98, 195**.

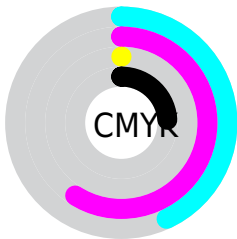
Distribution



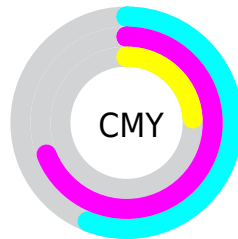
- Red (44%)
- Green (31%)
- Blue (76%)



- Red (44%)
- Yellow (31%)
- Blue (76%)



- Cyan (43%)
- Magenta (59%)
- Yellow (0%)
- Black (24%)




- Cyan (56%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 79, 195 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 111, 79, 195 by changing the saturation by 10% instead.

 111, 79, 195

255, 255, 255


 168, 129, 252

 196, 156, 255

 226, 183, 255

 255, 211, 255

 255, 240, 255

 111, 79, 195

 83, 55, 167

 53, 32, 140

 17, 8, 114


 0, 0, 89


 0, 0, 65

 0, 3, 41

 0, 1, 20

 0, 0, 0

 111, 79, 195

 111, 79, 195

■ 97, 60, 195

■ 125, 98, 195

■ 83, 40, 195

■ 139, 118, 195

■ 69, 20, 195

■ 153, 137, 195

■ 55, 1, 195

■ 167, 157, 195

■ 54, 0, 195

■ 182, 177, 195

■ 195, 196, 195

■ 195, 216, 201

■ 195, 235, 206

■ 195, 255, 212

Harmonies

Analogous

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



0, 71, 217



111, 79, 195



176, 41, 149

Triad

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



111, 79, 195



159, 157, 0



0, 66, 125

Complementary

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



111, 79, 195



79, 195, 111

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, 87, 122



111, 79, 195



12, 113, 0

Square

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



111, 79, 195



190, 46, 36



0, 115, 66



0, 71, 167

Rectangle

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



111, 79, 195



195, 10, 111



0, 115, 66



0, 72, 124

Sweetspot

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



111, 79, 195



220, 207, 252



79, 128, 195



107, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 79, 195



123, 73, 252



168, 79, 195



90, 87, 97



44, 0, 161



9, 0, 33

Inverse Universe

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



195, 79, 163



252, 73, 203



79, 195, 168



97, 87, 94



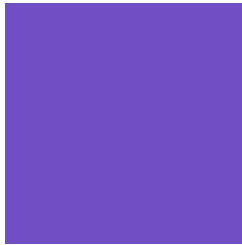
161, 0, 116



33, 0, 24

Previews

White Background



This preview shows how the RYB color 111, 79, 195 looks on a white background.

Color Contrast Check

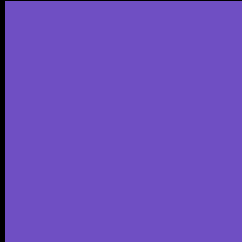
Large Text (above 18pt) WCAG AA ✓ Pass

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 111, 79, 195 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 111, 79, 195 Background



This preview shows how black text looks on a background with the RYB color 111, 79, 195.

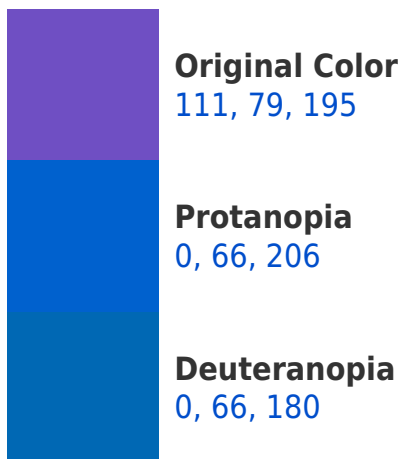


This preview shows how white text looks on a background with the RYB color 111, 79, 195.

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
90, 98, 111

Trichromacy



Original Color

111, 79, 195



Protanomaly

40, 78, 202



Deuteranomaly

40, 79, 185



Tritanomaly

98, 94, 142

Monochromacy



Original Color

111, 79, 195



Achromatopsia

102, 102, 102



Achromatomaly

105, 94, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 79, 195 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(111, 79, 195)` looks like.

```
.text, #text, p{  
    color:rgb(111, 79, 195)  
}
```

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(111, 79, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 79, 195) }
```

Border

The CSS property to change the border of an element to RYB 111, 79, 195 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(111, 79, 195) }
```

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

```
.border{ border-color:rgb(111, 79, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 79, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 79, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 79, 195); box-shadow:4px 4px 4px 4px rgb(111, 79, 195) }
```

Background

The CSS property to change the background color of an element to RGB 111, 79, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 79, 195) }
```

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

```
.background{ background-color: rgb(111, 79,  
195) }
```

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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