

Converting Colors

`RYB(111, 103, 205)`

Have a look what the booklet for
RYB(111, 103, 205) contains.

RYB(111, 103, 205)	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(111, 103, 205)

Conversions

Conversions Part 1

Format	Color
Hex	6F67CD
RGB	111, 103, 205
RGB Percent	44%, 40%, 80%
CMY	0.5647, 0.5961, 0.1961
CMYK	0.46, 0.50, 0.00, 0.20
HSL	245°, 50%, 60%
HSV	245°, 50%, 80%
XYZ	22.4252, 17.4878, 59.9511
YIQ	117.0200, -27.9740, 33.4180

Conversions

Conversions Part 2

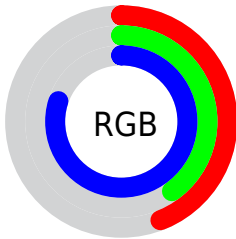
Format	Color
R_{YB}	111, 103, 205
Decimal	7301069
CIE Lab	48.87, 29.35, -52.08
CIE LCh	49, 59.783, 299.406
Yxy	17.4878, 0.2246, 0.1751
Android (android.graphics.Color)	4285491149 (0xFF6F67CD)
YUV	117.0200, 43.3741, -5.2795
Hunter-Lab	41.8184, 22.5390, -55.7257

Details

The RYB color **111, 103, 205** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **103, 205, 111**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **167, 154, 255**, and **53, 56, 150** is the 20% darker color. If you saturate the color by 10%, you get **92, 83, 205**, and if you desaturate by 10%, it is **130, 124, 205**.

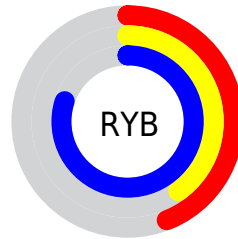
Distribution



Red (44%)

Green (40%)

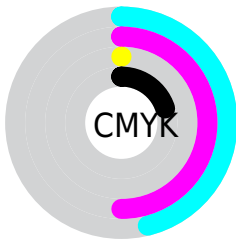
Blue (80%)



Red (44%)

Yellow (40%)

Blue (80%)

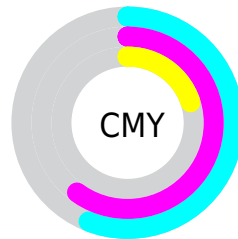


Cyan (46%)

Magenta (50%)

Yellow (0%)

Black (20%)



Cyan (56%)


Magenta (60%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 103, 205 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, 103, 205 by changing the saturation by 10% instead.

 111, 103, 205


255, 255, 255

 167, 154, 255

 196, 181, 255

 225, 209, 255


 255, 237, 255

 111, 103, 205

 83, 79, 177


 53, 56, 150

 16, 31, 124


 0, 12, 98


 0, 0, 74

 0, 4, 50

 0, 2, 28

 0, 0, 0

 111, 103, 205

 111, 103, 205

■ 92, 83, 205

■ 130, 124, 205

■ 73, 62, 205

■ 149, 144, 205

■ 54, 42, 205

■ 168, 165, 205

■ 35, 21, 205

■ 187, 185, 205

■ 17, 1, 205

■ 205, 206, 206

■ 16, 0, 205

■ 205, 226, 207

■ 205, 247, 209

■ 205, 255, 205

Harmonies

Analogous

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



0, 79, 218



111, 103, 205



175, 78, 168

Triad

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



111, 103, 205



179, 150, 23



0, 76, 139

Complementary

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



111, 103, 205



103, 205, 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, 93, 135



111, 103, 205



32, 140, 0

Square

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



111, 103, 205



202, 71, 70



5, 127, 42



0, 75, 165

Rectangle

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



111, 103, 205



197, 65, 136



5, 127, 42



0, 81, 138

Sweetspot

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



111, 103, 205



220, 217, 255



103, 152, 205



106, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 103, 205



114, 102, 255



161, 103, 205



93, 92, 102



13, 0, 166



3, 0, 38

Inverse Universe

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



205, 103, 197



255, 102, 243



103, 205, 161



102, 92, 101



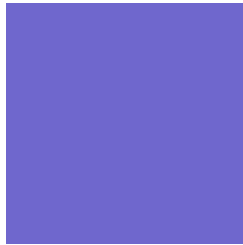
166, 0, 153



38, 0, 35

Previews

White Background



This preview shows how the RYB color 111, 103, 205 looks on a white background.

Color Contrast Check

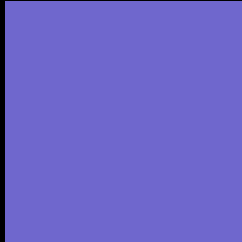
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

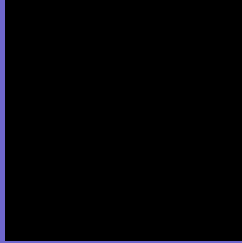
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 111, 103, 205 Background



This preview shows how black text looks on a background with the RYB color 111, 103, 205.

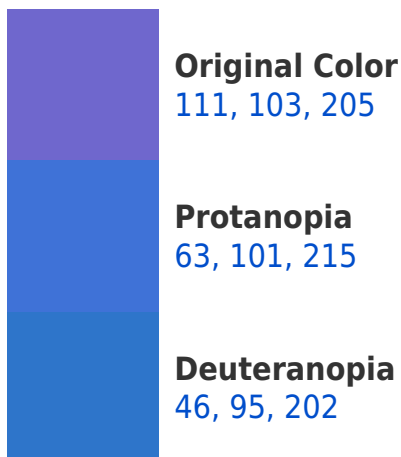


This preview shows how white text looks on a background with the RYB color 111, 103, 205.

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](#).

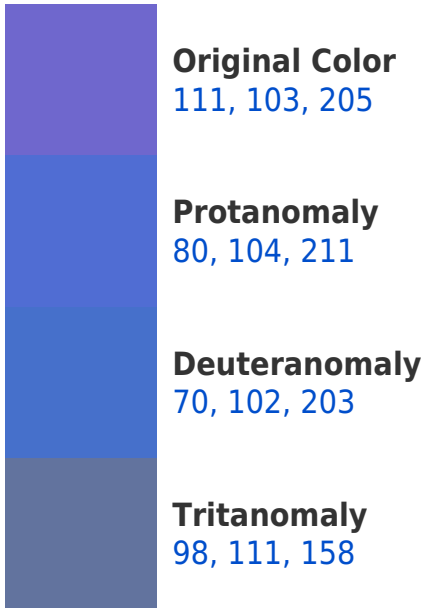
Dichromacy



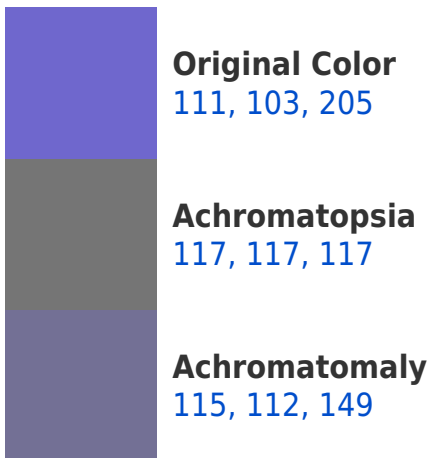


Tritanopia
91, 108, 131

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 103, 205 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, 103, 205)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 205)  
}
```

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, 103, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 205) }
```

Border

The CSS property to change the border of an element to RYB 111, 103, 205 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, 103, 205) }
```

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

```
.border{ border-color:rgb(111, 103, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 205);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 111, 103, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 205) }
```

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

```
.background{ background-color: rgb(111,  
103, 205) }
```

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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