

Converting Colors

`RYB(111, 37, 192)`

Have a look what the booklet for
RYB(111, 37, 192) contains.

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Color

R_YB(111, 37, 192)

Conversions

Conversions Part 1

Format	Color
Hex	6F25C0
RGB	111, 37, 192
RGB Percent	44%, 15%, 75%
CMY	0.5647, 0.8549, 0.2471
CMYK	0.42, 0.81, 0.00, 0.25
HSL	269°, 68%, 45%
HSV	269°, 81%, 75%
XYZ	16.7315, 8.5084, 50.6296
YIQ	76.7960, -5.6510, 63.8930

Conversions

Conversions Part 2

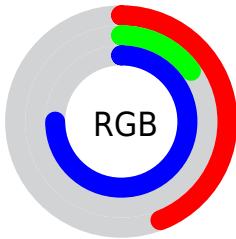
Format	Color
R_{YB}	111, 37, 192
Decimal	7284160
CIE _{Lab}	35.02, 60.31, -66.98
CIE _{LCh}	35, 90.130, 312.000
Yxy	8.5084, 0.2205, 0.1121
Android (android.graphics.Color)	4285474240 (0xFF6F25C0)
YUV	76.7960, 56.7956, 29.9969
Hunter-Lab	29.1692, 51.3421, -82.4925

Details

The RYB color **111, 37, 192** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **37, 192, 111**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **169, 92, 250**, and **50, 0, 137** is the 20% darker color. If you saturate the color by 10%, you get **101, 18, 192**, and if you desaturate by 10%, it is **121, 56, 192**.

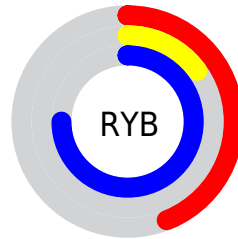
Distribution



Red (44%)

Green (15%)

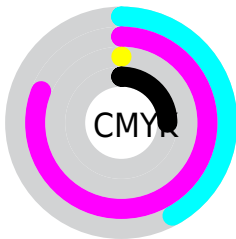
Blue (75%)



Red (44%)

Yellow (15%)

Blue (75%)

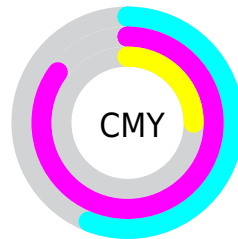


Cyan (42%)

Magenta (81%)

Yellow (0%)

Black (25%)



Cyan (56%)


Magenta (85%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 37, 192 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, 37, 192 by changing the saturation by 10% instead.

 111, 37, 192

 111, 37, 192

255, 255, 255

 82, 0, 164

 169, 92, 250

 50, 0, 137

 199, 119, 255

 5, 0, 111

 229, 146, 255

 0, 0, 86

 255, 173, 255

 0, 5, 61


 255, 202, 255


 0, 3, 38

 255, 231, 255

 0, 1, 15

 0, 0, 0

 111, 37, 192

 111, 37, 192

■ 101, 18, 192

■ 121, 56, 192

■ 92, 0, 192

■ 131, 75, 192

■ 141, 95, 192

■ 151, 114, 192

■ 161, 133, 192

■ 171, 152, 192

■ 181, 171, 192

■ 191, 191, 192

■ 192, 210, 201

Harmonies

Analogous

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



0, 62, 228



111, 37, 192



182, 0, 129

Triad

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



111, 37, 192



135, 115, 0



0, 55, 111

Complementary

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



111, 37, 192



37, 192, 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, 81, 106



111, 37, 192



0, 89, 14

Square

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



111, 37, 192



179, 0, 0



0, 101, 101



0, 68, 179

Rectangle

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



111, 37, 192



198, 0, 81



0, 101, 101



0, 59, 107

Sweetspot

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



111, 37, 192



219, 190, 250



37, 91, 192



106, 89, 125



252, 252, 252



125, 125, 125

Same Dimension

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



111, 37, 192



123, 7, 250



187, 37, 192



92, 87, 97



77, 0, 161



16, 0, 33

Inverse Universe

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



192, 37, 118



250, 7, 134



37, 192, 187



97, 87, 92



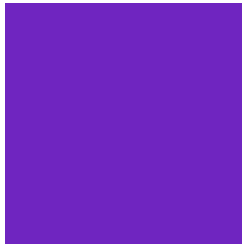
161, 0, 84



33, 0, 17

Previews

White Background



This preview shows how the RYB color 111, 37, 192 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 ✓ Pass

Black Background



This preview shows how the RYB color 111, 37, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

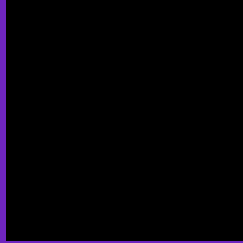
Any Text WCAG AA × Fail

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, 37, 192 Background



This preview shows how black text looks on a background with the RYB color 111, 37, 192.

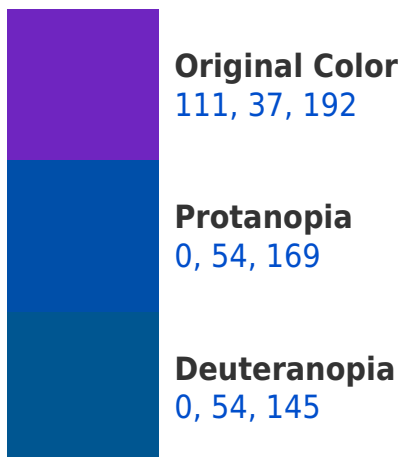


This preview shows how white text looks on a background with the RYB color 111, 37, 192.

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
87, 81, 87

Trichromacy



Original Color

111, 37, 192



Protanomaly

40, 60, 177



Deuteranomaly

40, 63, 162



Tritanomaly

96, 65, 125

Monochromacy



Original Color

111, 37, 192



Achromatopsia

77, 77, 77



Achromatomaly

89, 62, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 37, 192 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, 37, 192)` looks like.

```
.text, #text, p{  
    color:rgb(111, 37, 192)  
}
```

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, 37, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 37, 192) }
```

Border

The CSS property to change the border of an element to RYB 111, 37, 192 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, 37, 192) }
```

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

```
.border{ border-color:rgb(111, 37, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 37, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 37, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 37, 192);  
box-shadow:4px 4px 4px 4px rgb(111, 37,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 111, 37, 192 is called "background".

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

```
.background, #background, body{  
background: rgb(111, 37, 192) }
```

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

```
.background{ background-color: rgb(111, 37,  
192) }
```

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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