

Converting Colors

`RYB(107, 89, 211)`

Have a look what the booklet for
RYB(107, 89, 211) contains.

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Color

`RYB(107, 89, 211)`

Conversions

Conversions Part 1	
Format	Color
Hex	6B59D3
RGB	107, 89, 211
RGB Percent	42%, 35%, 83%
CMY	0.5804, 0.6510, 0.1725
CMYK	0.49, 0.58, 0.00, 0.17
HSL	249°, 58%, 59%
HSV	249°, 58%, 83%
XYZ	21.3937, 14.9737, 63.3907
YIQ	108.2900, -28.4340, 41.7580

Conversions

Conversions Part 2

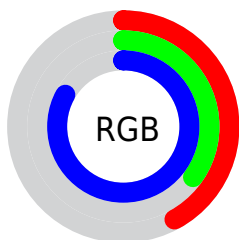
Format	Color
RYB	107, 89, 211
Decimal	7035347
CIELab	45.60, 38.64, -60.80
CIELCh	46, 72.036, 302.438
Yxy	14.9737, 0.2145, 0.1501
Android (android.graphics.Color)	4285225427 (0xFF6B59D3)
YUV	108.2900, 50.6360, -1.1313
Hunter-Lab	38.6959, 30.9689, -70.0404

Details

The RYB color **107, 89, 211** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **89, 211, 107**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **165, 140, 255**, and **45, 42, 155** is the 20% darker color. If you saturate the color by 10%, you get **89, 68, 211**, and if you desaturate by 10%, it is **125, 110, 211**.

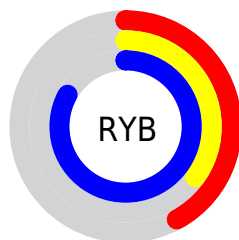
Distribution



Red (42%)

Green (35%)

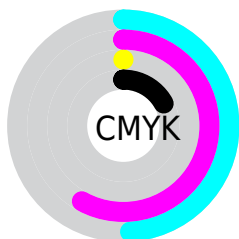
Blue (83%)



Red (42%)

Yellow (35%)

Blue (83%)

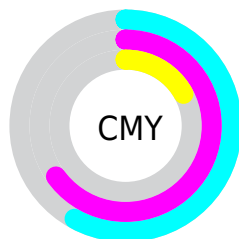


Cyan (49%)

Magenta (58%)

Yellow (0%)

Black (17%)



Cyan (58%)


















Magenta (65%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 89, 211 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 107, 89, 211 by changing the saturation by 10% instead.

 107, 89, 211	 107, 89, 211
 255, 255, 255	 77, 65, 183
 165, 140, 255	 45, 42, 155
 194, 166, 255	 0, 17, 129
 224, 194, 255	 0, 0, 103
 254, 222, 255	 0, 0, 78
 255, 250, 255	 0, 5, 54
	 0, 2, 32
	 0, 0, 4
	 0, 0, 0

 107, 89, 211

 107, 89, 211


 89, 68, 211


 125, 110, 211

 71, 47, 211


 143, 131, 211


 53, 26, 211

 161, 152, 211


 35, 5, 211

 179, 173, 211

 31, 0, 211

 197, 195, 211

 211, 216, 212

 211, 237, 215

 211, 255, 215

 211, 255, 211

Harmonies

Analogous

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



0, 77, 230



107, 89, 211



182, 51, 165

Triad

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



107, 89, 211



174, 155, 0



0, 72, 133

Complementary

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



107, 89, 211



89, 211, 107

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, 95, 130



107, 89, 211



24, 127, 0

Square

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



107, 89, 211



204, 45, 47



0, 122, 58



0, 75, 172

Rectangle

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



107, 89, 211



204, 22, 126



0, 122, 58



0, 78, 132

Sweetspot

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



107, 89, 211



218, 212, 255



89, 146, 211



106, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 89, 211



105, 79, 255



166, 89, 211



96, 94, 105



25, 0, 168



6, 0, 41

Inverse Universe

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



211, 89, 193



255, 79, 229



89, 211, 166



105, 94, 103



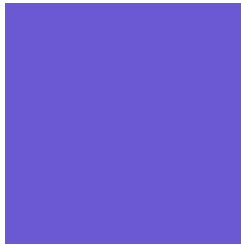
168, 0, 143



41, 0, 35

Previews

White Background



This preview shows how the RYB color 107, 89, 211 looks on a white background.

Color Contrast Check

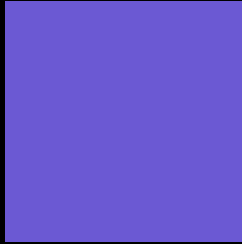
Large Text (above 18pt) WCAG AA ✓ Pass

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 107, 89, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

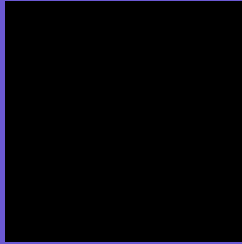
Any Text WCAG AA × Fail

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 107, 89, 211 Background



This preview shows how black text looks on a background with the RYB color 107, 89, 211.



This preview shows how white text looks on a background with the RYB color 107, 89, 211.

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

107, 89, 211

Protanopia

0, 71, 221

Deuteranopia

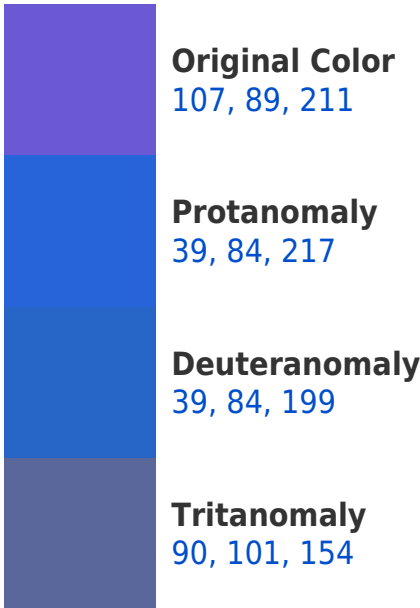
0, 70, 192



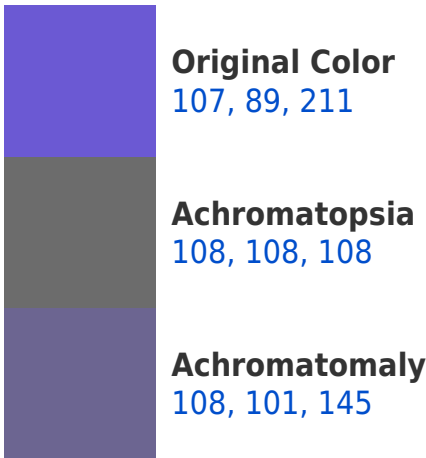
Tritanopia

81, 99, 122

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 89, 211 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(107, 89, 211)` looks like.

```
.text, #text, p{  
    color:rgb(107, 89, 211)  
}
```

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(107, 89, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 89, 211) }
```

Border

The CSS property to change the border of an element to RYB 107, 89, 211 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(107, 89, 211) }
```

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

```
.border{ border-color:rgb(107, 89, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 89, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 89, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 89, 211);  
box-shadow:4px 4px 4px 4px rgb(107, 89,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 107, 89, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 89, 211) }
```

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

```
.background{ background-color: rgb(107, 89,  
211) }
```

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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