

Converting Colors

`RYB(107, 67, 190)`

Have a look what the booklet for
RYB(107, 67, 190) contains.

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Color

RYP(107, 67, 190)

Conversions

Conversions Part 1

Format	Color
Hex	6B43BE
RGB	107, 67, 190
RGB Percent	42%, 26%, 75%
CMY	0.5804, 0.7373, 0.2549
CMYK	0.44, 0.65, 0.00, 0.25
HSL	260°, 49%, 50%
HSV	260°, 65%, 75%
XYZ	17.3648, 10.8578, 49.8957
YIQ	92.9820, -15.6430, 46.7330

Conversions

Conversions Part 2

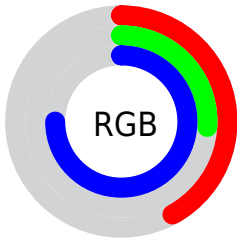
Format	Color
R _Y B	107, 67, 190
Decimal	7029694
CIE Lab	39.34, 45.18, -58.78
CIE LCh	39, 74.136, 307.547
Yxy	10.8578, 0.2223, 0.1390
Android (android.graphics.Color)	4285219774 (0xFF6B43BE)
YUV	92.9820, 47.8299, 12.2938
Hunter-Lab	32.9512, 36.4024, -66.7129

Details

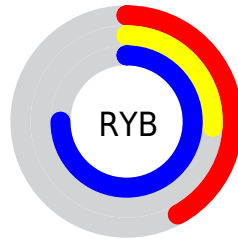
The RYB color **107, 67, 190** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **67, 190, 107**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **164, 117, 247**, and **48, 18, 136** is the 20% darker color. If you saturate the color by 10%, you get **94, 48, 190**, and if you desaturate by 10%, it is **120, 86, 190**.

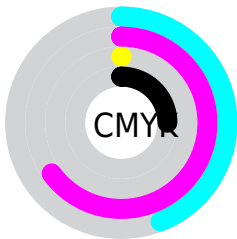
Distribution



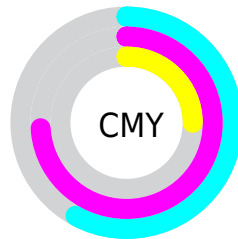
- Red (42%)
- Green (26%)
- Blue (75%)



- Red (42%)
- Yellow (26%)
- Blue (75%)



- Cyan (44%)
- Magenta (65%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (74%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 67, 190 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, 67, 190 by changing the saturation by 10% instead.

 107, 67, 190

 107, 67, 190

255, 255, 255

 78, 43, 162

 164, 117, 247


 48, 18, 136

 193, 144, 255

 5, 0, 109


 222, 171, 255

 0, 0, 84

 252, 198, 255

 0, 5, 60

 255, 227, 255

 0, 2, 37

 0, 1, 14

 0, 0, 0

 107, 67, 190

 107, 67, 190

■ 94, 48, 190

■ 120, 86, 190

■ 81, 29, 190

■ 133, 105, 190

■ 69, 10, 190

■ 145, 124, 190

■ 62, 0, 190

■ 158, 143, 190

■ 171, 162, 190

■ 184, 181, 190

■ 190, 200, 193

■ 190, 219, 199

■ 190, 238, 206

Harmonies

Analogous

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



0, 66, 215



107, 67, 190



173, 4, 140

Triad

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



107, 67, 190



149, 136, 0



0, 61, 117

Complementary

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



107, 67, 190



67, 190, 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, 83, 114



107, 67, 190



5, 100, 0

Square

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



107, 67, 190



183, 27, 20



0, 108, 86



0, 69, 166

Rectangle

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



107, 67, 190



191, 0, 100



0, 108, 86



0, 67, 116

Sweetspot

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



107, 67, 190



216, 200, 247



67, 117, 190



106, 96, 125



252, 252, 252



125, 125, 125

Same Dimension

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



107, 67, 190



117, 54, 247



167, 67, 190



88, 85, 94



51, 0, 158



10, 0, 31

Inverse Universe

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



190, 67, 150



247, 54, 185



67, 190, 167



94, 85, 91



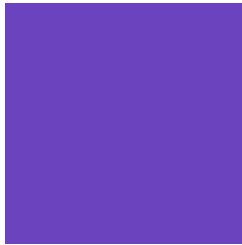
158, 0, 107



31, 0, 21

Previews

White Background



This preview shows how the RYB color 107, 67, 190 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, 67, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

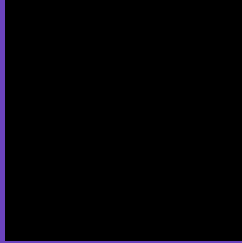
Any Text WCAG AA × Fail

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, 67, 190 Background



This preview shows how black text looks on a background with the RYB color 107, 67, 190.

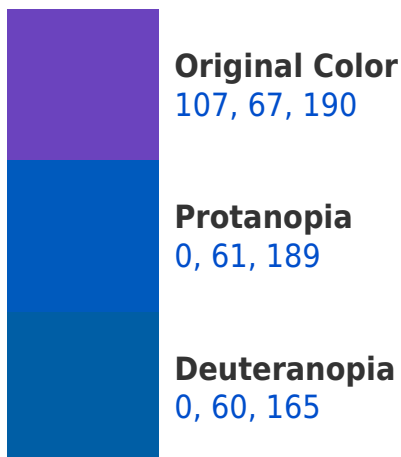



This preview shows how white text looks on a background with the RYB color 107, 67, 190.

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
85, 91, 101

Trichromacy



Original Color
107, 67, 190

Protanomaly
39, 72, 189

Deuteranomaly
39, 73, 174

Tritanomaly
93, 84, 133

Monochromacy



Original Color
107, 67, 190

Achromatopsia
93, 93, 93

Achromatomaly
98, 84, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 67, 190 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, 67, 190)` looks like.

```
.text, #text, p{  
    color:rgb(107, 67, 190)  
}
```

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, 67, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 67, 190) }
```

Border

The CSS property to change the border of an element to RYB 107, 67, 190 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, 67, 190) }
```

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

```
.border{ border-color:rgb(107, 67, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 67, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 67, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 67, 190);  
box-shadow:4px 4px 4px 4px rgb(107, 67,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 107, 67, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 67, 190) }
```

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

```
.background{ background-color: rgb(107, 67,  
190) }
```

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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