

Converting Colors

`RYB(107, 58, 121)`

Have a look what the booklet for
RYB(107, 58, 121) contains.

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Color

R_YB(107, 58, 121)

Conversions

Conversions Part 1

Format	Color
Hex	6B3A79
RGB	107, 58, 121
RGB Percent	42%, 23%, 47%
CMY	0.5804, 0.7725, 0.5255
CMYK	0.12, 0.52, 0.00, 0.53
HSL	287°, 35%, 35%
HSV	287°, 52%, 47%
XYZ	11.0277, 7.5324, 18.9618
YIQ	79.8330, 8.9810, 29.9810

Conversions

Conversions Part 2

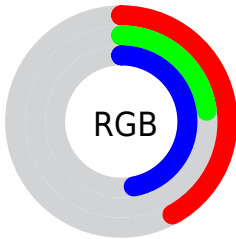
Format	Color
R_{YB}	107, 58, 121
Decimal	7027321
CIE _{Lab}	32.99, 32.70, -27.22
CIE _{LCh}	33, 42.552, 320.227
Yxy	7.5324, 0.2939, 0.2007
Android (android.graphics.Color)	4285217401 (0xFF6B3A79)
YUV	79.8330, 20.2953, 23.8255
Hunter-Lab	27.4452, 23.6933, -21.7517

Details

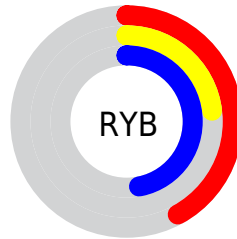
The RYB color **107, 58, 121** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **58, 121, 107**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **160, 107, 174**, and **57, 10, 72** is the 20% darker color. If you saturate the color by 10%, you get **104, 46, 121**, and if you desaturate by 10%, it is **110, 70, 121**.

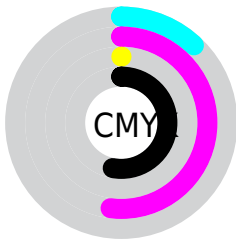
Distribution



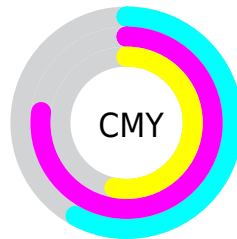
- Red (42%)
- Green (23%)
- Blue (47%)



- Red (42%)
- Yellow (23%)
- Blue (47%)



- Cyan (12%)
- Magenta (52%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (77%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 58, 121 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, 58, 121 by changing the saturation by 10% instead.



107, 58, 121



107, 58, 121

255, 255, 255



82, 34, 96



160, 107, 174



57, 10, 72



187, 133, 201



36, 0, 49



216, 159, 229



0, 0, 27



244, 187, 255



0, 0, 0



255, 215, 255



255, 243, 255



107, 58, 121



107, 58, 121



104, 46, 121



110, 70, 121

■ 102, 34, 121

■ 112, 82, 121

■ 99, 22, 121

■ 115, 94, 121

■ 96, 10, 121

■ 118, 106, 121

■ 94, 0, 121

■ 120, 118, 121

■ 121, 131, 129

■ 121, 143, 138

■ 121, 155, 147

■ 121, 167, 157

Harmonies

Analogous

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



55, 70, 141



107, 58, 121



132, 45, 90

Triad

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



107, 58, 121



44, 103, 0



0, 48, 100

Complementary

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



107, 58, 121



58, 121, 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, 54, 92



107, 58, 121



2, 83, 13

Square

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



107, 58, 121



126, 73, 26



28, 86, 89



0, 53, 129

Rectangle

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



107, 58, 121



138, 43, 67



28, 86, 89



0, 48, 93

Sweetspot

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



107, 58, 121



152, 133, 158



58, 70, 121



76, 64, 79



207, 207, 207



79, 79, 79

Same Dimension

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



107, 58, 121



136, 60, 158



121, 58, 104



60, 55, 61



97, 0, 125



196, 0, 252

Inverse Universe

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



121, 58, 72



158, 60, 82



58, 108, 121



61, 55, 56



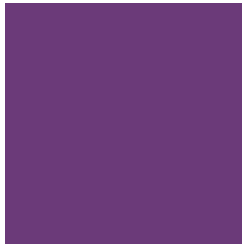
125, 0, 28



252, 0, 56

Previews

White Background



This preview shows how the RYB color 107, 58, 121 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 107, 58, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

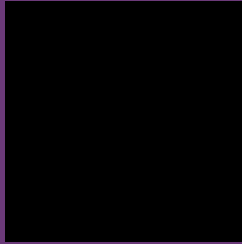
Any Text WCAG AA × Fail

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](#).

R Y B 107, 58, 121 Background



This preview shows how black text looks on a background with the R Y B color 107, 58, 121.

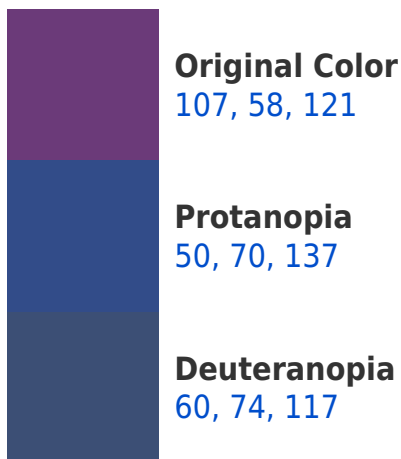


This preview shows how white text looks on a background with the R Y B color 107, 58, 121.

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
100, 70, 75

Trichromacy



Original Color

107, 58, 121

Protanomaly

71, 69, 131

Deuteranomaly

77, 71, 118

Tritanomaly

103, 66, 92

Monochromacy



Original Color

107, 58, 121

Achromatopsia

80, 80, 80

Achromatomaly

90, 72, 95

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 58, 121 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, 58, 121)` looks like.

```
.text, #text, p{  
    color:rgb(107, 58, 121)  
}
```

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, 58, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 58, 121) }
```

Border

The CSS property to change the border of an element to RYB 107, 58, 121 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, 58, 121) }
```

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

```
.border{ border-color:rgb(107, 58, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 58, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 58, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 58, 121);  
box-shadow:4px 4px 4px 4px rgb(107, 58,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 107, 58, 121 is called "background".

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

```
.background, #background, body{  
background: rgb(107, 58, 121) }
```

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

```
.background{ background-color: rgb(107, 58,  
121) }
```

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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