

Converting Colors

`RYB(108, 117, 204)`

Have a look what the booklet for
RYB(108, 117, 204) contains.

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Color

R_YB(108, 117, 204)

Conversions

Conversions Part 1

Format	Color
Hex	6C76CC
RGB	108, 118, 204
RGB Percent	42%, 46%, 80%
CMY	0.5765, 0.5375, 0.2000
CMYK	0.47, 0.42, 0.00, 0.20
HSL	234°, 48%, 61%
HSV	234°, 47%, 80%
XYZ	23.5537, 20.4884, 59.8400
YIQ	124.8140, -33.5660, 24.6260

Conversions

Conversions Part 2

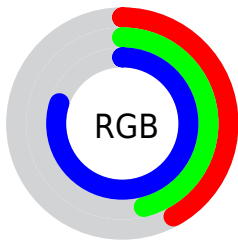
Format	Color
R _Y B	108, 117, 204
Decimal	7108300
CIE Lab	52.38, 19.30, -45.92
CIE LCh	52, 49.807, 292.793
Yxy	20.4884, 0.2267, 0.1972
Android (android.graphics.Color)	4285298380 (0xFF6C76CC)
YUV	124.8140, 39.0387, -14.7459
Hunter-Lab	45.2641, 13.6724, -46.6976

Details

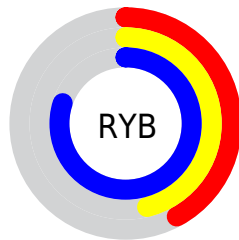
The RYB color **108, 117, 204** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **119, 204, 108**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **164, 170, 255**, and **51, 67, 149** is the 20% darker color. If you saturate the color by 10%, you get **88, 99, 204**, and if you desaturate by 10%, it is **128, 135, 204**.

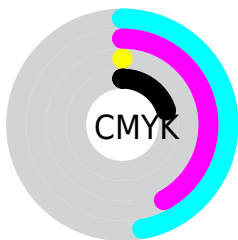
Distribution



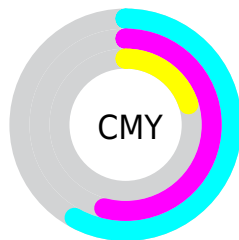
- Red (42%)
- Green (46%)
- Blue (80%)



- Red (42%)
- Yellow (46%)
- Blue (80%)



- Cyan (47%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 117, 204 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 108, 117, 204 by changing the saturation by 10% instead.

 108, 117, 204

255, 255, 255

 164, 170, 255

 192, 197, 255

 222, 225, 255

 251, 253, 255


 108, 117, 204

 80, 91, 176


 51, 67, 149

 13, 40, 123

 0, 22, 98

 0, 2, 73

 0, 4, 50

 0, 1, 28

 0, 0, 0

 108, 117, 204

 108, 117, 204

■ 88, 99, 204

■ 128, 135, 204

■ 67, 80, 204

■ 149, 154, 204

■ 47, 62, 204

■ 169, 173, 204

■ 26, 43, 204

■ 190, 191, 204

■ 6, 24, 204

■ 205, 210, 204

■ 0, 19, 204

■ 206, 230, 204

■ 210, 251, 204

■ 204, 255, 204

Harmonies

Analogous

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



0, 81, 210



108, 117, 204



167, 100, 177

Triad

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



108, 117, 204



187, 127, 58



0, 81, 145

Complementary

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



108, 117, 204



119, 204, 108

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.



62, 133, 141



108, 117, 204



89, 157, 34

Square

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



108, 117, 204



203, 88, 94



39, 132, 55



0, 76, 157

Rectangle

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



108, 117, 204



190, 90, 151



39, 132, 55



0, 86, 144

Sweetspot

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



108, 117, 204



219, 223, 255



108, 159, 204



106, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 117, 204



112, 126, 255



145, 108, 204



92, 93, 102



0, 15, 166



0, 4, 38

Inverse Universe

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



204, 108, 118



255, 112, 127



108, 204, 145



102, 92, 93



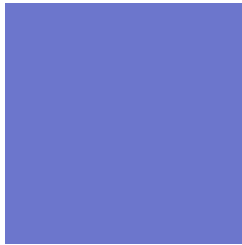
166, 0, 17



38, 0, 4

Previews

White Background



This preview shows how the RYB color 108, 117, 204 looks on a white background.

Color Contrast Check

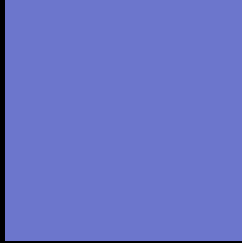
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 108, 117, 204 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 108, 117, 204 Background



This preview shows how black text looks on a background with the RYB color 108, 117, 204.

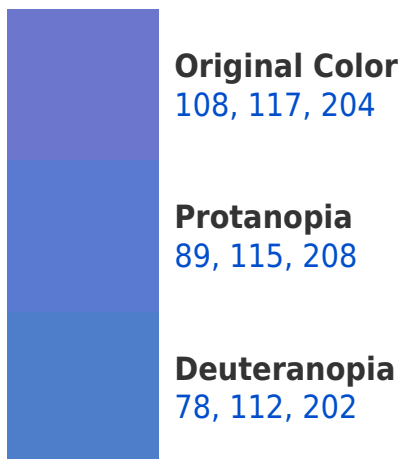


This preview shows how white text looks on a background with the RYB color 108, 117, 204.

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

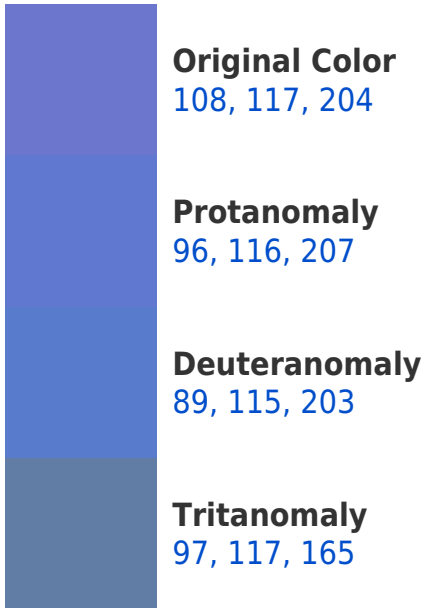




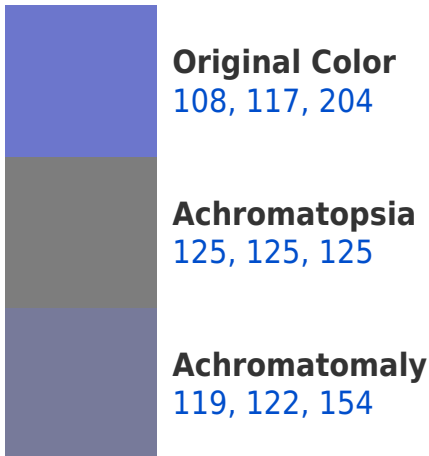
Tritanopia

90, 113, 142

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 117, 204 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(108, 118, 204)` looks like.

```
.text, #text, p{  
    color:rgb(108, 118, 204)  
}
```

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(108, 118, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 118, 204) }
```

Border

The CSS property to change the border of an element to RYB 108, 117, 204 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(108, 118, 204) }
```

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

```
.border{ border-color:rgb(108, 118, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 118, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 118, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 118, 204);  
box-shadow:4px 4px 4px 4px rgb(108, 118,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 108, 117, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 118, 204) }
```

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

```
.background{ background-color: rgb(108,  
118, 204) }
```

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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