

Converting Colors

`RYB(115, 134, 201)`

Have a look what the booklet for
RYB(115, 134, 201) contains.

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Color

$\text{RYB}(115, 134, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	738BC9
RGB	115, 139, 201
RGB Percent	45%, 55%, 79%
CMY	0.5490, 0.4534, 0.2118
CMYK	0.43, 0.31, 0.00, 0.21
HSL	223°, 44%, 62%
HSV	223°, 43%, 79%
XYZ	26.9018, 26.4397, 58.9438
YIQ	138.8920, -34.2060, 14.1940

Conversions

Conversions Part 2

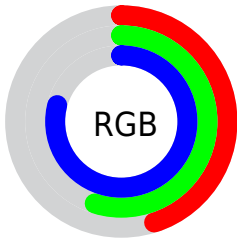
Format	Color
R _Y B	115, 134, 201
Decimal	7572425
CIE Lab	58.45, 7.37, -34.64
CIE LCh	58, 35.411, 282.014
Yxy	26.4397, 0.2396, 0.2355
Android (android.graphics.Color)	4285762505 (0xFF738BC9)
YUV	138.8920, 30.6192, -20.9533
Hunter-Lab	51.4196, 3.4037, -31.9723

Details

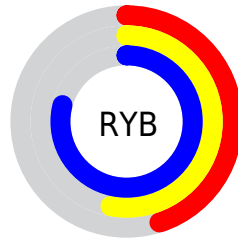
The RYB color **115, 134, 201** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **148, 201, 115**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **170, 187, 255**, and **61, 82, 147** is the 20% darker color. If you saturate the color by 10%, you get **95, 118, 201**, and if you desaturate by 10%, it is **135, 150, 201**.

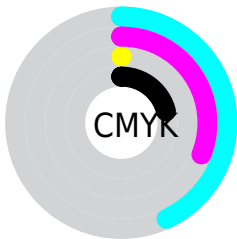
Distribution



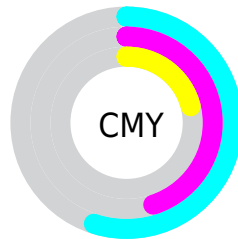
- Red (45%)
- Green (55%)
- Blue (79%)



- Red (45%)
- Yellow (53%)
- Blue (79%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 134, 201 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 115, 134, 201 by changing the saturation by 10% instead.

■ 115, 134, 201

255, 255, 255

■ 170, 188, 255

■ 198, 214, 255

■ 227, 239, 255

■ 115, 134, 201

■ 88, 108, 173

■ 61, 83, 147

■ 32, 57, 121

■ 0, 31, 96

■ 0, 18, 71

■ 0, 3, 49

■ 0, 1, 27

■ 0, 0, 0

■ 115, 134, 201

■ 115, 134, 201

■ 95, 118, 201

■ 135, 150, 201

■ 75, 103, 201

■ 155, 165, 201

■ 55, 87, 201

■ 175, 181, 201

■ 35, 72, 201

■ 195, 197, 201

■ 15, 56, 201

■ 209, 216, 201

■ 0, 44, 201

■ 215, 236, 201

■ 222, 255, 201

■ 201, 255, 201

Harmonies

Analogous

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



55, 112, 199



115, 134, 201



160, 128, 187

Triad

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



115, 134, 201



195, 129, 100



74, 127, 156

Complementary

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



115, 134, 201



148, 201, 115

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.



93, 151, 130



115, 134, 201



165, 176, 82

Square

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



115, 134, 201



201, 116, 129



84, 148, 79



7, 83, 157

Rectangle

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



115, 134, 201



181, 121, 170



84, 148, 79



88, 138, 154

Sweetspot

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



115, 134, 201



222, 229, 255



115, 166, 201



107, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 134, 201



125, 154, 255



132, 115, 201



90, 92, 99



0, 36, 163



0, 8, 36

Inverse Universe

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



201, 115, 139



255, 125, 162



115, 201, 132



99, 90, 92



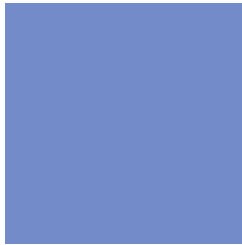
163, 0, 46



36, 0, 10

Previews

White Background



This preview shows how the RYB color 115, 134, 201 looks on a white background.

Color Contrast Check

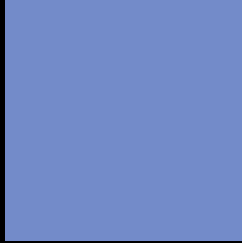
Large Text (above 18pt) WCAG AA ✓ Pass

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 115, 134, 201 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 115, 134, 201 Background



This preview shows how black text looks on a background with the RYB color 115, 134, 201.

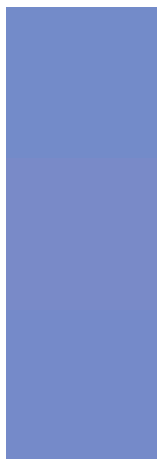


This preview shows how white text looks on a background with the RYB color 115, 134, 201.

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

115, 134, 201

Protanopia

121, 135, 200

Deuteranopia

117, 134, 201



Tritanopia
104, 128, 159

Trichromacy



Original Color
115, 134, 201

Protanomaly
119, 135, 200

Deuteranomaly
116, 134, 201

Tritanomaly
108, 131, 174

Monochromacy



Original Color
115, 134, 201

Achromatopsia
139, 139, 139

Achromatomaly
130, 137, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 134, 201 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(115, 139, 201)` looks like.

```
.text, #text, p{  
    color:rgb(115, 139, 201)  
}
```

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(115, 139, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 139, 201) }
```

Border

The CSS property to change the border of an element to RYB 115, 134, 201 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(115, 139, 201) }
```

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

```
.border{ border-color:rgb(115, 139, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 139, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 139, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 139, 201);  
box-shadow:4px 4px 4px 4px rgb(115, 139,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 115, 134, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 139, 201) }
```

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

```
.background{ background-color: rgb(115,  
139, 201) }
```

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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