

Converting Colors

`RYB(123, 144, 241)`

Have a look what the booklet for
RYB(123, 144, 241) contains.

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Color

R_YB(123, 144, 241)

Conversions

Conversions Part 1

Format	Color
Hex	7B95F1
RGB	123, 149, 241
RGB Percent	48%, 58%, 95%
CMY	0.5176, 0.4175, 0.0549
CMYK	0.49, 0.38, 0.00, 0.05
HSL	227°, 81%, 71%
HSV	227°, 49%, 95%
XYZ	34.7214, 31.9135, 87.5490
YIQ	151.7140, -45.0280, 23.1000

Conversions

Conversions Part 2

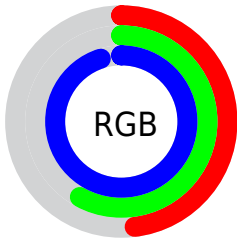
Format	Color
R _Y B	123, 144, 241
Decimal	8099313
CIE Lab	63.27, 15.74, -49.30
CIE LCh	63, 51.755, 287.708
Yxy	31.9135, 0.2252, 0.2070
Android (android.graphics.Color)	4286289393 (0xFF7B95F1)
YUV	151.7140, 44.0180, -25.1822
Hunter-Lab	56.4920, 10.8495, -52.3408

Details

The RYB color **123, 144, 241** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **156, 241, 123**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **181, 198, 255**, and **64, 91, 184** is the 20% darker color. If you saturate the color by 10%, you get **99, 124, 241**, and if you desaturate by 10%, it is **147, 163, 241**.

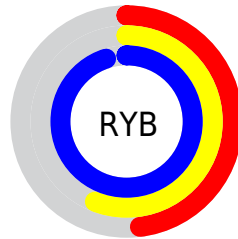
Distribution



Red (48%)

Green (58%)

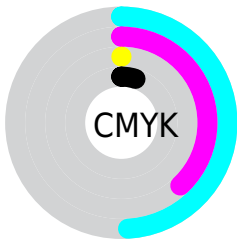
Blue (95%)



Red (48%)

Yellow (56%)

Blue (95%)

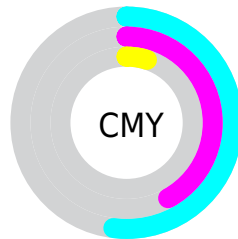


Cyan (49%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (42%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the RYB color 123, 144, 241 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 123, 144, 241 by changing the saturation by 10% instead.


 123, 144, 241


255, 255, 255

 181, 197, 255

 210, 224, 255

 240, 248, 255

 123, 144, 241

 94, 117, 212

 64, 90, 184

 26, 62, 157

 0, 38, 131

 0, 25, 105

 0, 9, 80

 0, 5, 56

 0, 2, 34

 0, 0, 8

■ 123, 144, 241

■ 123, 144, 241

■ 99, 124, 241

■ 147, 163, 241

■ 75, 105, 241

■ 171, 183, 241

■ 51, 85, 241

■ 195, 203, 241

■ 27, 65, 241

■ 219, 223, 241

■ 3, 45, 241

■ 241, 243, 241

■ 0, 43, 241

■ 241, 255, 241

Harmonies

Analogous

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



0, 98, 243



123, 144, 241



191, 130, 216

Triad

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



123, 144, 241



226, 143, 87



0, 100, 175

Complementary

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



123, 144, 241



156, 241, 123

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.



88, 169, 158



123, 144, 241



142, 195, 60

Square

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



123, 144, 241



239, 114, 128



60, 159, 66



0, 89, 180

Rectangle

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



123, 144, 241



219, 119, 189



60, 159, 66



44, 127, 174

Sweetspot

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



123, 144, 241



217, 224, 255



123, 189, 241



105, 109, 128



0, 0, 0



128, 128, 128

Same Dimension

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



123, 144, 241



105, 131, 255



156, 123, 241



108, 110, 120



0, 33, 184



0, 10, 56

Inverse Universe

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



241, 123, 149



255, 105, 137



123, 241, 156



120, 108, 110



184, 0, 40



56, 0, 12

Previews

White Background



This preview shows how the RYB color 123, 144, 241 looks on a white background.

Color Contrast Check

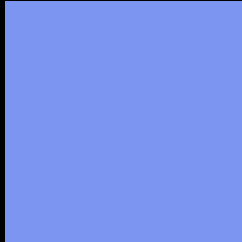
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 123, 144, 241 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 123, 144, 241 Background



This preview shows how black text looks on a background with the RYB color 123, 144, 241.



This preview shows how white text looks on a background with the RYB color 123, 144, 241.

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
123, 144, 241

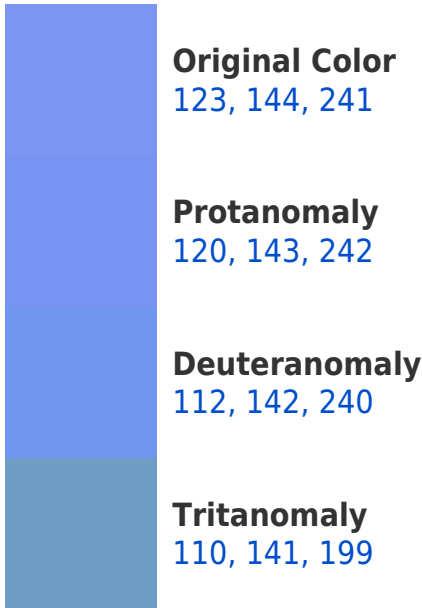
Protanopia
118, 143, 242

Deuteranopia
105, 140, 240

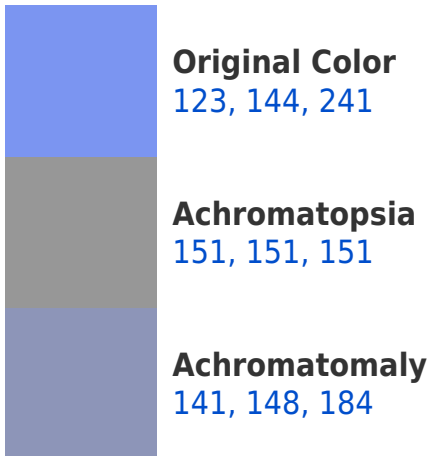


Tritanopia
103, 135, 175

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 144, 241 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(123, 149, 241)` looks like.

```
.text, #text, p{  
    color:rgb(123, 149, 241)  
}
```

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(123, 149, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 149, 241) }
```

Border

The CSS property to change the border of an element to RYB 123, 144, 241 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(123, 149, 241) }
```

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

```
.border{ border-color:rgb(123, 149, 241) }
```

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

Here you see how a box with a 4 pixel rgb(123, 149, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 149, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 149, 241);  
box-shadow:4px 4px 4px 4px rgb(123, 149,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 123, 144, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 149, 241) }
```

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

```
.background{ background-color: rgb(123,  
149, 241) }
```

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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