

Converting Colors

`RYB(119, 152, 240)`

Have a look what the booklet for RYB(119, 152, 240) contains.

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Color

`RYB(119, 152, 240)`

Conversions

Conversions Part 1

Format	Color
Hex	77A4F0
RGB	119, 164, 240
RGB Percent	47%, 64%, 94%
CMY	0.5333, 0.3554, 0.0588
CMYK	0.50, 0.32, 0.00, 0.06
HSL	218°, 80%, 70%
HSV	218°, 50%, 94%
XYZ	36.6786, 36.8986, 87.6270
YIQ	159.2090, -51.2160, 14.0960

Conversions

Conversions Part 2

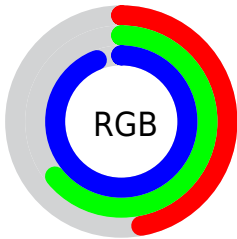
Format	Color
R _Y B	119, 152, 240
Decimal	7841008
CIE Lab	67.20, 5.40, -42.58
CIE LCh	67, 42.924, 277.225
Yxy	36.8986, 0.2275, 0.2289
Android (android.graphics.Color)	4286031088 (0xFF77A4F0)
YUV	159.2090, 39.8300, -35.2633
Hunter-Lab	60.7442, 1.4797, -43.0084

Details

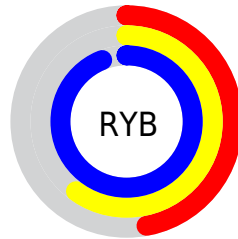
The RYB color **119, 152, 240** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **191, 240, 119**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **177, 204, 255**, and **59, 97, 184** is the 20% darker color. If you saturate the color by 10%, you get **95, 134, 240**, and if you desaturate by 10%, it is **143, 169, 240**.

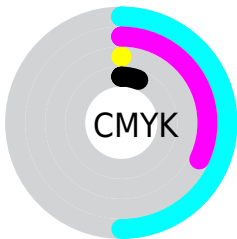
Distribution



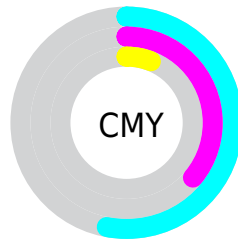
- Red (47%)
- Green (64%)
- Blue (94%)



- Red (47%)
- Yellow (60%)
- Blue (94%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (6%)




- Cyan (53%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 152, 240 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 119, 152, 240 by changing the saturation by 10% instead.


 119, 152, 240


255, 255, 255

 177, 204, 255

 206, 229, 255

 236, 246, 255

 119, 152, 240


 90, 124, 211

 59, 97, 184

 18, 65, 156

 0, 44, 130

 0, 31, 104

 0, 19, 80

 0, 5, 56

 0, 2, 34

 0, 0, 8

■ 119, 152, 240

■ 119, 152, 240

■ 95, 134, 240

■ 143, 169, 240

■ 71, 117, 240

■ 167, 187, 240

■ 47, 99, 240

■ 191, 204, 240

■ 23, 82, 240

■ 215, 222, 240

■ 0, 65, 240

■ 239, 239, 240

■ 241, 255, 240

■ 240, 255, 240

Harmonies

Analogous

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



8, 104, 234



119, 152, 240



180, 150, 225

Triad

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



119, 152, 240



233, 142, 119



87, 151, 181

Complementary

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



119, 152, 240



191, 240, 119

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.



100, 175, 138



119, 152, 240



212, 206, 93

Square

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



119, 152, 240



237, 132, 156



103, 179, 85



0, 95, 184

Rectangle

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



119, 152, 240



208, 141, 206



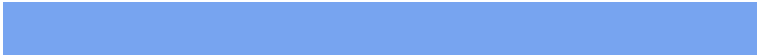
103, 179, 85



105, 168, 180

Sweetspot

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



119, 152, 240



217, 227, 255



119, 194, 240



105, 111, 128



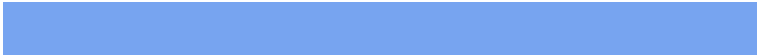
0, 0, 0



128, 128, 128

Same Dimension

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



119, 152, 240



99, 142, 255



133, 119, 240



108, 111, 120



0, 50, 184



0, 15, 56

Inverse Universe

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



240, 119, 164



255, 99, 158



119, 240, 133



120, 108, 112



184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RYB color 119, 152, 240 looks on a white background.

Color Contrast Check

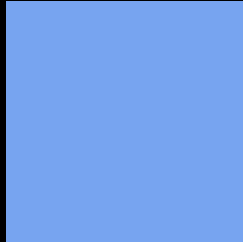
Large Text (above 18pt) WCAG AA × Fail

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 119, 152, 240 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

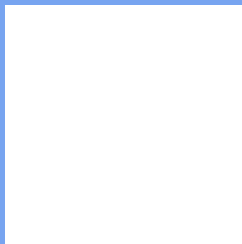
Any Text WCAG AAA ✓ Pass

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

RYB 119, 152, 240 Background



This preview shows how black text looks on a background with the RYB color 119, 152, 240.



This preview shows how white text looks on a background with the RYB color 119, 152, 240.

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](#).

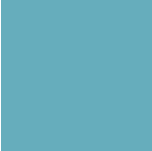
Dichromacy



Original Color
119, 152, 240

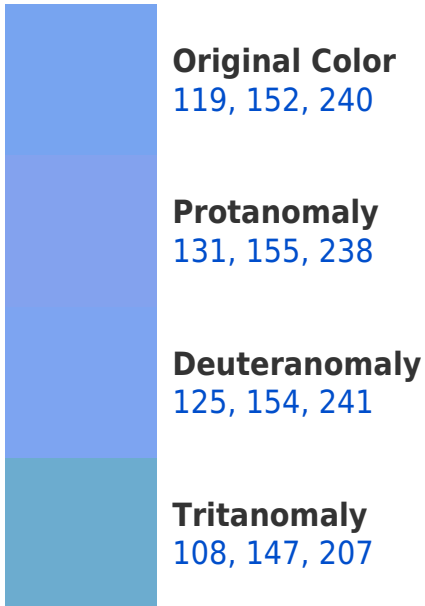
Protanopia
138, 156, 237

Deuteranopia
129, 154, 241

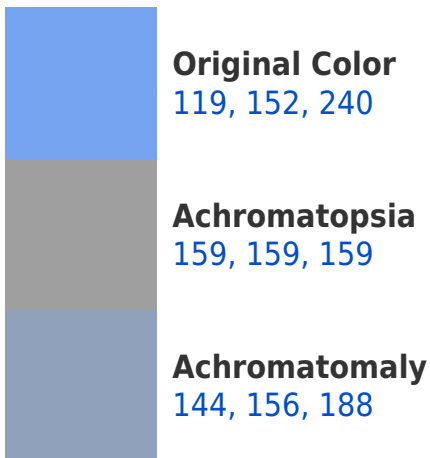


Tritanopia
102, 141, 188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 152, 240 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(119, 164, 240)` looks like.

```
.text, #text, p{  
    color:rgb(119, 164, 240)  
}
```

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(119, 164, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 164, 240) }
```

Border

The CSS property to change the border of an element to RYB 119, 152, 240 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(119, 164, 240) }
```

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

```
.border{ border-color:rgb(119, 164, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 164, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 164, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 164, 240);  
box-shadow:4px 4px 4px 4px rgb(119, 164,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 119, 152, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 164, 240) }
```

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

```
.background{ background-color: rgb(119,  
164, 240) }
```

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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