

Converting Colors

`RYB(114, 157, 241)`

Have a look what the booklet for
RYB(114, 157, 241) contains.

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Color

RYB(114, 157, 241)

Conversions

Conversions Part 1

Format	Color
Hex	72B3F1
RGB	114, 179, 241
RGB Percent	45%, 70%, 95%
CMY	0.5529, 0.2980, 0.0549
CMYK	0.53, 0.26, 0.00, 0.05
HSL	209°, 82%, 70%
HSV	209°, 53%, 95%
XYZ	38.9391, 42.1733, 89.3070
YIQ	166.6330, -58.6420, 5.5020

Conversions

Conversions Part 2

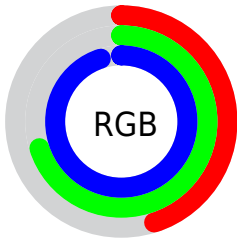
Format	Color
RYB	114, 157, 241
Decimal	7517169
CIELab	70.99, -3.61, -37.23
CIELCh	71, 37.405, 264.468
Yxy	42.1733, 0.2285, 0.2475
Android (android.graphics.Color)	4285707249 (0xFF72B3F1)
YUV	166.6330, 36.6629, -46.1591
Hunter-Lab	64.9409, -6.6166, -36.0772

Details

The RYB color **114, 157, 241** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **241, 235, 114**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **172, 208, 255**, and **51, 99, 185** is the 20% darker color. If you saturate the color by 10%, you get **90, 141, 241**, and if you desaturate by 10%, it is **138, 173, 241**.

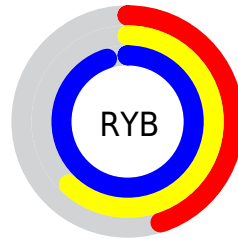
Distribution



Red (45%)

Green (70%)

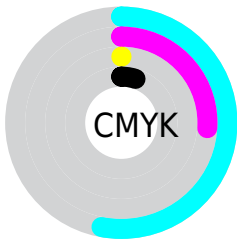
Blue (95%)



Red (45%)

Yellow (62%)

Blue (95%)

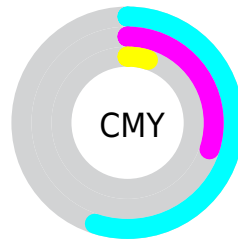


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 157, 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 114, 157, 241 by changing the saturation by 10% instead.


 114, 157, 241


255, 255, 255


 172, 208, 255

 202, 229, 255

 232, 244, 255

 114, 157, 241

 84, 128, 212


 51, 99, 185

 0, 62, 158

 0, 49, 131

 0, 36, 106

 0, 24, 81

 0, 10, 58

 0, 2, 35

 0, 0, 11

■ 114, 157, 241

■ 114, 157, 241

■ 90, 141, 241

■ 138, 173, 241

■ 66, 125, 241

■ 162, 189, 241

■ 42, 109, 241

■ 186, 205, 241

■ 18, 93, 241

■ 210, 221, 241

■ 0, 81, 241

■ 234, 237, 241

■ 249, 255, 241

■ 241, 255, 241

Harmonies

Analogous

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



56, 130, 228



114, 157, 241



169, 167, 236

Triad

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



114, 157, 241



240, 149, 147



128, 183, 188

Complementary

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



114, 157, 241



241, 235, 114

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.



111, 180, 123



114, 157, 241



228, 179, 120

Square

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



114, 157, 241



235, 148, 181



154, 202, 106



84, 145, 192

Rectangle

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



114, 157, 241



199, 159, 223



154, 202, 106



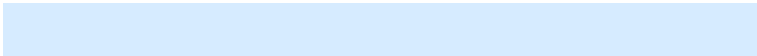
124, 186, 168

Sweetspot

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



114, 157, 241



214, 228, 255



114, 200, 241



103, 112, 128



0, 0, 0



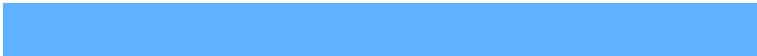
128, 128, 128

Same Dimension

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



114, 157, 241



94, 149, 255



114, 116, 241



108, 112, 120



0, 62, 184



0, 19, 56

Inverse Universe

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



241, 114, 179



255, 94, 177



116, 241, 114



120, 108, 114



184, 0, 94



56, 0, 29

Previews

White Background



This preview shows how the RYB color 114, 157, 241 looks on a white background.

Color Contrast Check

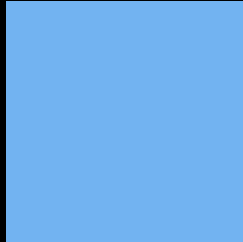
Large Text (above 18pt) WCAG AA × Fail

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 114, 157, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

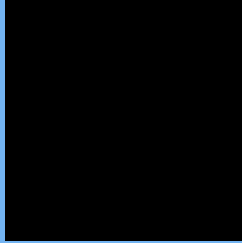
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

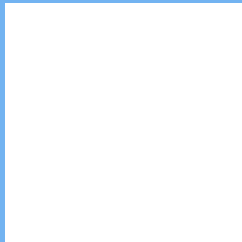
Any Text WCAG AAA ✓ Pass

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

RYB 114, 157, 241 Background



This preview shows how black text looks on a background with the RYB color 114, 157, 241.

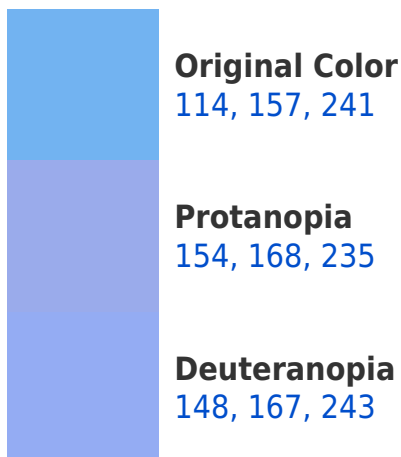


This preview shows how white text looks on a background with the RYB color 114, 157, 241.

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](#).

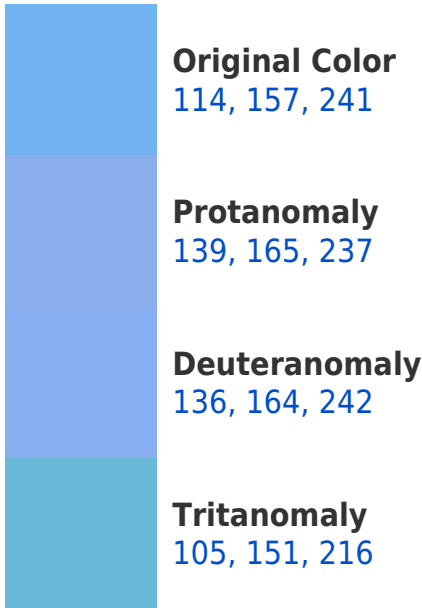
Dichromacy



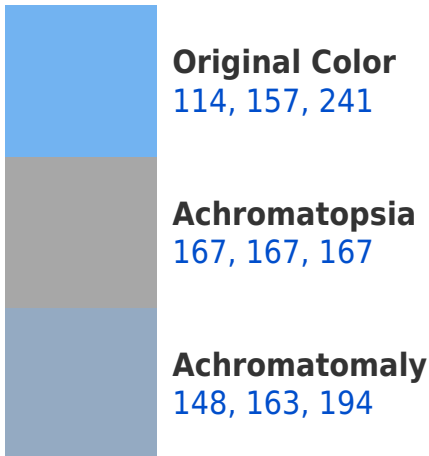


Tritanopia
100, 146, 201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 157, 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(114, 179, 241)` looks like.

```
.text, #text, p{  
    color:rgb(114, 179, 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(114, 179, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 179, 241) }
```

Border

The CSS property to change the border of an element to RYB 114, 157, 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(114, 179, 241) }
```

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

```
.border{ border-color:rgb(114, 179, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 179, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 179, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 179, 241);  
box-shadow:4px 4px 4px 4px rgb(114, 179,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 114, 157, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 179, 241) }
```

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

```
.background{ background-color: rgb(114,  
179, 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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