

Converting Colors

`RYB(154, 178, 238)`

Have a look what the booklet for RYB(154, 178, 238) contains.

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Color

`RYB(154, 178, 238)`

Conversions

Conversions Part 1

Format	Color
Hex	9ABCEE
RGB	154, 188, 238
RGB Percent	60%, 74%, 93%
CMY	0.3961, 0.2643, 0.0667
CMYK	0.35, 0.21, 0.00, 0.07
HSL	216°, 71%, 77%
HSV	216°, 35%, 93%
XYZ	46.6569, 48.8388, 87.8567
YIQ	183.5340, -36.3140, 8.3420

Conversions

Conversions Part 2

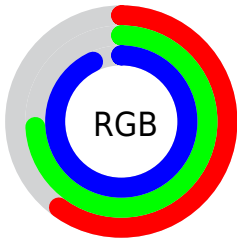
Format	Color
RYB	154, 178, 238
Decimal	10140910
CIELab	75.35, 0.67, -28.69
CIELCh	75, 28.701, 271.336
Yxy	48.8388, 0.2545, 0.2664
Android (android.graphics.Color)	4288330990 (0xFF9ABCEE)
YUV	183.5340, 26.8517, -25.9013
Hunter-Lab	69.8848, -3.1271, -25.6179

Details

The RYB color **154, 178, 238** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **211, 238, 154**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **210, 229, 255**, and **100, 125, 182** is the 20% darker color. If you saturate the color by 10%, you get **130, 161, 238**, and if you desaturate by 10%, it is **178, 195, 238**.

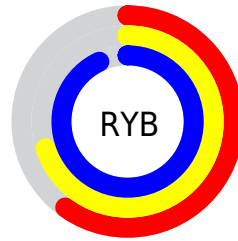
Distribution



Red (60%)

Green (74%)

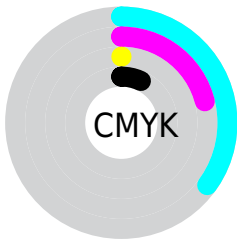
Blue (93%)



Red (60%)

Yellow (70%)

Blue (93%)

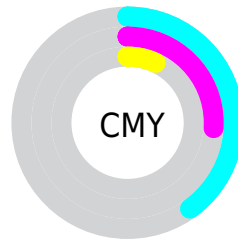


Cyan (35%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (40%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 178, 238 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 154, 178, 238 by changing the saturation by 10% instead.

■ 154, 178, 238

255, 255, 255

■ 210, 229, 255

■ 239, 247, 255

■ 154, 178, 238

■ 127, 151, 210

■ 100, 125, 182

■ 73, 98, 155

■ 46, 73, 129

■ 12, 44, 103

■ 0, 27, 79

■ 0, 15, 56

■ 0, 2, 34

■ 0, 0, 8

■ 154, 178, 238

■ 154, 178, 238

■ 130, 161, 238

■ 178, 195, 238

■ 106, 144, 238

■ 202, 212, 238

■ 83, 127, 238

■ 225, 229, 238

■ 59, 110, 238

■ 244, 249, 238

■ 35, 93, 238

■ 238, 255, 238

■ 11, 76, 238

■ 0, 68, 238

Harmonies

Analogous

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



120, 165, 231



154, 178, 238



191, 178, 231

Triad

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



154, 178, 238



238, 169, 159



145, 187, 198

Complementary

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



154, 178, 238



211, 238, 154

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.



140, 192, 157



154, 178, 238



226, 199, 140

Square

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



154, 178, 238



237, 166, 185



161, 204, 133



117, 162, 200

Rectangle

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



154, 178, 238



212, 173, 219



161, 204, 133



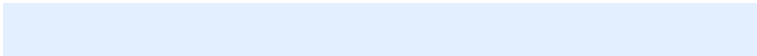
152, 196, 193

Sweetspot

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



154, 178, 238



227, 235, 255



154, 207, 238



111, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 178, 238



148, 179, 255



161, 154, 238



108, 112, 120



0, 52, 184



0, 16, 56

Inverse Universe

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



238, 154, 188



255, 148, 191



154, 238, 162



120, 108, 113



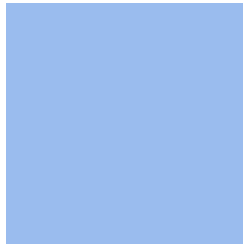
184, 0, 73



56, 0, 22

Previews

White Background



This preview shows how the RYB color 154, 178, 238 looks on a white background.

Color Contrast Check

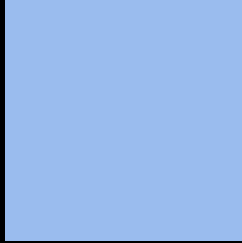
Large Text (above 18pt) WCAG AA × Fail

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 154, 178, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

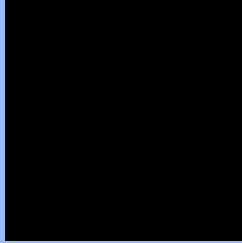
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

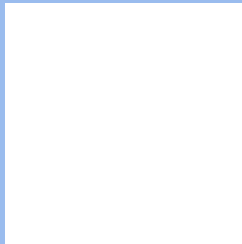
Any Text WCAG AAA ✓ Pass

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

RYB 154, 178, 238 Background



This preview shows how black text looks on a background with the RYB color 154, 178, 238.

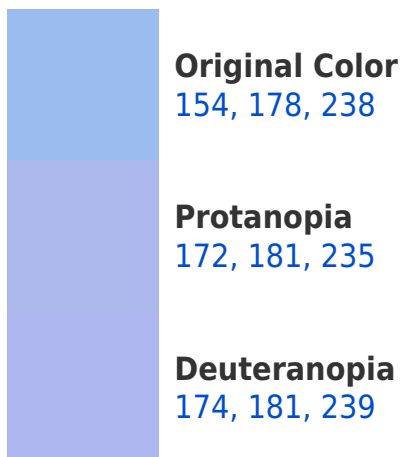


This preview shows how white text looks on a background with the RYB color 154, 178, 238.

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](#).

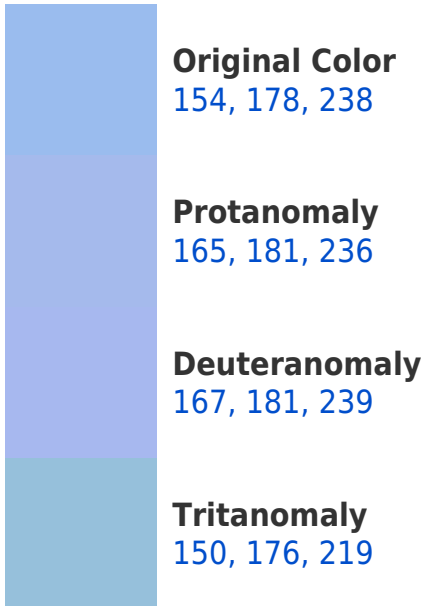
Dichromacy



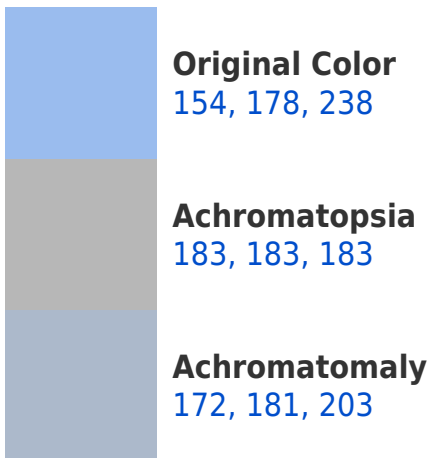


Tritanopia
147, 173, 208

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 178, 238 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(154, 188, 238)` looks like.

```
.text, #text, p{  
    color:rgb(154, 188, 238)  
}
```

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(154, 188, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 188, 238) }
```

Border

The CSS property to change the border of an element to RYB 154, 178, 238 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(154, 188, 238) }
```

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

```
.border{ border-color:rgb(154, 188, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 188, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 188, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 188, 238); box-shadow:4px 4px 4px 4px rgb(154, 188, 238) }
```

Background

The CSS property to change the background color of an element to RYB 154, 178, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 188, 238) }
```

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

```
.background{ background-color: rgb(154,  
188, 238) }
```

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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