

Converting Colors

`RYB(159, 174, 238)`

Have a look what the booklet for
RYB(159, 174, 238) contains.

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Color

R_YB(159, 174, 238)

Conversions

Conversions Part 1

Format	Color
Hex	9FB2EE
RGB	159, 178, 238
RGB Percent	62%, 70%, 93%
CMY	0.3765, 0.3039, 0.0667
CMYK	0.33, 0.25, 0.00, 0.07
HSL	226°, 70%, 78%
HSV	226°, 33%, 93%
XYZ	45.5549, 45.1923, 87.2109
YIQ	179.1590, -30.5840, 14.6320

Conversions

Conversions Part 2

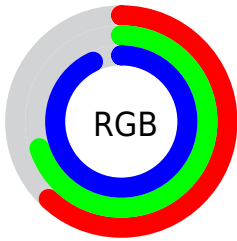
Format	Color
RYB	159, 174, 238
Decimal	10466030
CIELab	73.02, 7.59, -32.26
CIElCh	73, 33.139, 283.246
Yxy	45.1923, 0.2560, 0.2539
Android (android.graphics.Color)	4288656110 (0xFF9FB2EE)
YUV	179.1590, 29.0086, -17.6794
Hunter-Lab	67.2253, 3.3155, -29.8589

Details

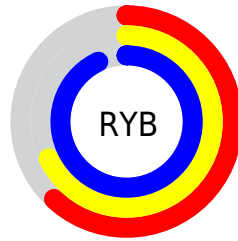
The RYB color **159, 174, 238** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **184, 238, 159**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **215, 228, 255**, and **105, 122, 182** is the 20% darker color. If you saturate the color by 10%, you get **135, 154, 238**, and if you desaturate by 10%, it is **183, 194, 238**.

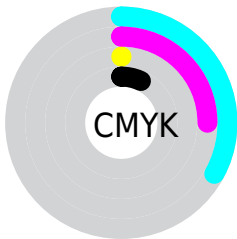
Distribution



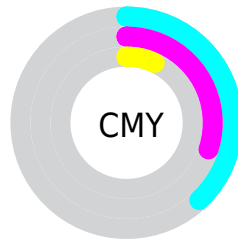
- Red (62%)
- Green (70%)
- Blue (93%)



- Red (62%)
- Yellow (68%)
- Blue (93%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 174, 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 159, 174, 238 by changing the saturation by 10% instead.

■ 159, 174, 238

255, 255, 255

■ 215, 227, 255

■ 244, 250, 255

■ 159, 174, 238

■ 132, 147, 210

■ 105, 121, 182

■ 79, 95, 155

■ 52, 71, 129

■ 23, 45, 103

■ 0, 23, 79

■ 0, 8, 56

■ 0, 2, 34

■ 0, 0, 7

■ 159, 174, 238

■ 159, 174, 238

■ 135, 154, 238

■ 183, 194, 238

■ 111, 135, 238

■ 207, 213, 238

■ 88, 116, 238

■ 230, 232, 238

■ 64, 97, 238

■ 243, 254, 238

■ 40, 77, 238

■ 238, 255, 238

■ 16, 58, 238

■ 0, 45, 238

Harmonies

Analogous

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



113, 159, 237



159, 174, 238



200, 167, 224

Triad

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



159, 174, 238



234, 169, 139



117, 167, 195

Complementary

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



159, 174, 238



184, 238, 159

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.



134, 190, 171



159, 174, 238



206, 215, 122

Square

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



159, 174, 238



240, 157, 167



125, 187, 120



85, 142, 196

Rectangle

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



159, 174, 238



221, 161, 207



125, 187, 120



129, 177, 193

Sweetspot

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



159, 174, 238



230, 234, 255



159, 204, 238



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 174, 238



153, 172, 255



179, 159, 238



108, 110, 120



0, 35, 184



0, 11, 56

Inverse Universe

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



238, 159, 178



255, 153, 177



159, 238, 179



120, 108, 111



184, 0, 43



56, 0, 13

Previews

White Background



This preview shows how the RYB color 159, 174, 238 looks on a white background.

Color Contrast Check

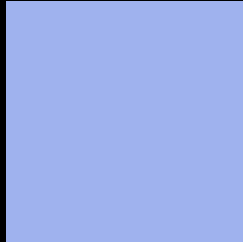
Large Text (above 18pt) WCAG AA × Fail

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 159, 174, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

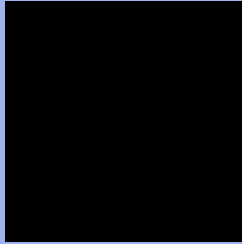
Any Text WCAG AA ✓ Pass

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 159, 174, 238 Background



This preview shows how black text looks on a background with the RYB color 159, 174, 238.



This preview shows how white text looks on a background with the RYB color 159, 174, 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](#).

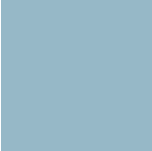
Dichromacy



Original Color
159, 174, 238

Protanopia
162, 175, 237

Deuteranopia
164, 174, 238



Tritanopia
150, 170, 199

Trichromacy



Original Color
159, 174, 238

Protanomaly
161, 174, 237

Deuteranomaly
162, 175, 238

Tritanomaly
153, 173, 213

Monochromacy



Original Color
159, 174, 238

Achromatopsia
179, 179, 179

Achromatomaly
172, 177, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 174, 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(159, 178, 238)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 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(159, 178, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 238) }
```

Border

The CSS property to change the border of an element to RYB 159, 174, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

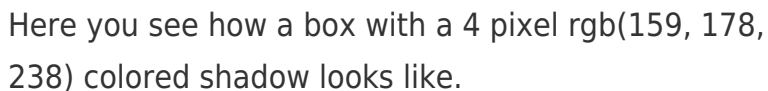
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 178, 238) }
```

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

```
.border{ border-color:rgb(159, 178, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 178, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 178, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 178, 238); box-shadow:4px 4px 4px 4px rgb(159, 178, 238) }
```

Background

The CSS property to change the background color of an element to RYB 159, 174, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 178, 238) }
```

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

```
.background{ background-color: rgb(159,  
178, 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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