

Converting Colors

`RYB(154, 159, 206)`

Have a look what the booklet for RYB(154, 159, 206) contains.

RYB(154, 159, 206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(154, 159, 206)

Conversions

Conversions Part 1

Format	Color
Hex	9AA0CE
RGB	154, 160, 206
RGB Percent	60%, 63%, 81%
CMY	0.3961, 0.3744, 0.1922
CMYK	0.25, 0.23, 0.00, 0.19
HSL	234°, 35%, 71%
HSV	234°, 25%, 81%
XYZ	36.9568, 36.3059, 63.4524
YIQ	163.4500, -18.3420, 13.0340

Conversions

Conversions Part 2

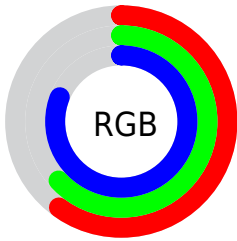
Format	Color
RYB	154, 159, 206
Decimal	10133710
CIELab	66.75, 8.25, -24.38
CIELCh	67, 25.735, 288.690
Yxy	36.3059, 0.2703, 0.2656
Android (android.graphics.Color)	4288323790 (0xFF9AA0CE)
YUV	163.4500, 20.9772, -8.2876
Hunter-Lab	60.2544, 4.0373, -20.2588

Details

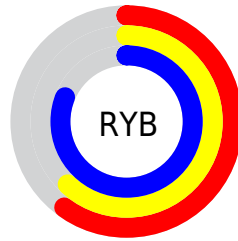
The RYB color **154, 159, 206** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **161, 206, 154**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **209, 214, 255**, and **102, 108, 152** is the 20% darker color. If you saturate the color by 10%, you get **133, 140, 206**, and if you desaturate by 10%, it is **175, 178, 206**.

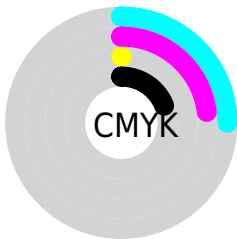
Distribution



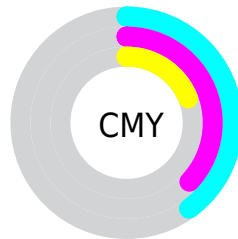
- Red (60%)
- Green (63%)
- Blue (81%)



- Red (60%)
- Yellow (62%)
- Blue (81%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 159, 206 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, 159, 206 by changing the saturation by 10% instead.

■ 154, 159, 206

255, 255, 255

■ 209, 214, 255

■ 238, 242, 255

■ 154, 159, 206

■ 127, 132, 178

■ 102, 107, 152

■ 77, 83, 126

■ 52, 60, 100

■ 28, 37, 76

■ 2, 15, 53

■ 0, 2, 32

■ 0, 0, 4

■ 0, 0, 0

■ 154, 159, 206

■ 154, 159, 206

■ 133, 140, 206

■ 175, 178, 206

■ 113, 122, 206

■ 195, 196, 206

■ 92, 103, 206

■ 207, 216, 206

■ 72, 85, 206

■ 209, 236, 206

■ 51, 66, 206

■ 209, 255, 206

■ 30, 47, 206

■ 206, 255, 206

■ 10, 29, 206

■ 0, 20, 206

Harmonies

Analogous

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



121, 151, 207



154, 159, 206



183, 152, 193

Triad

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



154, 159, 206



203, 158, 129



112, 150, 175

Complementary

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



154, 159, 206



161, 206, 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.



131, 171, 164



154, 159, 206



167, 187, 117

Square

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



154, 159, 206



209, 146, 149



118, 165, 119



94, 135, 176

Rectangle

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



154, 159, 206



198, 148, 180



118, 165, 119



120, 157, 174

Sweetspot

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



154, 159, 206



235, 237, 255



154, 182, 206



115, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 159, 206



179, 186, 255



174, 154, 206



92, 93, 102



0, 16, 166



0, 4, 38

Inverse Universe

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



206, 154, 160



255, 179, 187



154, 206, 174



102, 92, 93



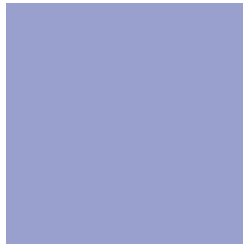
166, 0, 18



38, 0, 4

Previews

White Background



This preview shows how the RYB color 154, 159, 206 looks on a white background.

Color Contrast Check

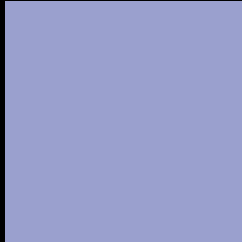
Large Text (above 18pt) WCAG AA × Fail

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, 159, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

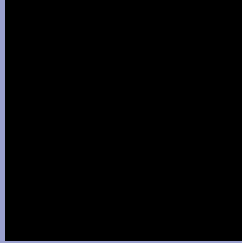
Any Text WCAG AA ✓ Pass

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, 159, 206 Background



This preview shows how black text looks on a background with the RYB color 154, 159, 206.



This preview shows how white text looks on a background with the RYB color 154, 159, 206.

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

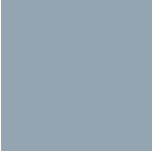
[154](#), [159](#), [206](#)

Protanopia

[151](#), [159](#), [207](#)

Deuteranopia

[155](#), [159](#), [206](#)



Tritanopia

148, 159, 178

Trichromacy



Original Color

154, 159, 206

Protanomaly

152, 159, 207

Deuteranomaly

155, 159, 206

Tritanomaly

150, 160, 188

Monochromacy



Original Color

154, 159, 206

Achromatopsia

163, 163, 163

Achromatomaly

160, 162, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 159, 206 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, 160, 206)` looks like.

```
.text, #text, p{  
    color:rgb(154, 160, 206)  
}
```

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, 160, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 160, 206) }
```

Border

The CSS property to change the border of an element to RYB 154, 159, 206 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, 160, 206) }
```

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

```
.border{ border-color:rgb(154, 160, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 160, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 160, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 160, 206); box-shadow:4px 4px 4px 4px rgb(154, 160, 206) }
```

Background

The CSS property to change the background color of an element to RYB 154, 159, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 160, 206) }
```

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

```
.background{ background-color: rgb(154,  
160, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor