

Converting Colors

`RYB(154, 158, 185)`

Have a look what the booklet for RYB(154, 158, 185) contains.

RYB(154, 158, 185)	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, 158, 185)

Conversions

Conversions Part 1

Format	Color
Hex	9A9FB9
RGB	154, 159, 185
RGB Percent	60%, 62%, 73%
CMY	0.3961, 0.3781, 0.2745
CMYK	0.17, 0.14, 0.00, 0.27
HSL	231°, 18%, 66%
HSV	231°, 17%, 73%
XYZ	34.4116, 35.0292, 50.8466
YIQ	160.4690, -11.3260, 7.0260

Conversions

Conversions Part 2

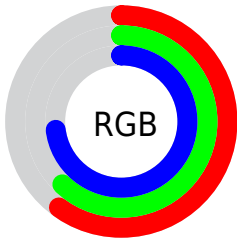
Format	Color
RYB	154, 158, 185
Decimal	10133433
CIELab	65.77, 3.90, -14.18
CIElCh	66, 14.707, 285.376
Yxy	35.0292, 0.2861, 0.2912
Android (android.graphics.Color)	4288323513 (0xFF9A9FB9)
YUV	160.4690, 12.0938, -5.6733
Hunter-Lab	59.1855, 0.2088, -9.5066

Details

The RYB color **154, 158, 185** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **160, 185, 154**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **209, 213, 241**, and **103, 107, 132** is the 20% darker color. If you saturate the color by 10%, you get **136, 142, 185**, and if you desaturate by 10%, it is **173, 174, 185**.

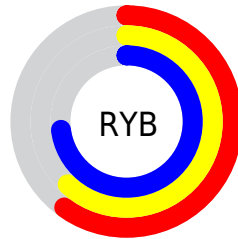
Distribution



Red (60%)

Green (62%)

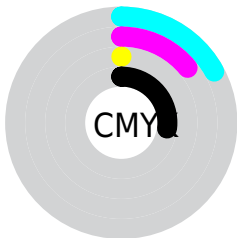
Blue (73%)



Red (60%)

Yellow (62%)

Blue (73%)

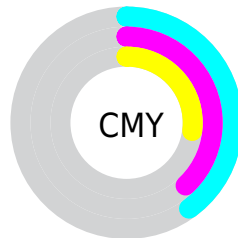


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (40%)


Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 158, 185 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, 158, 185 by changing the saturation by 10% instead.


 154, 158, 185


255, 255, 255


 209, 213, 241

 237, 241, 255

 154, 158, 185

 128, 132, 158

 103, 107, 132

 78, 82, 107


 55, 59, 82


 33, 37, 59

 12, 17, 38

 0, 1, 16


 0, 0, 0


 154, 158, 185


 154, 158, 185

 136, 142, 185

 173, 174, 185

 117, 126, 185

 186, 191, 185

 99, 110, 185

 190, 210, 185

 80, 94, 185

 192, 228, 185

 61, 77, 185

 196, 246, 185

 43, 61, 185

 187, 255, 185

 24, 45, 185

 185, 255, 185

 6, 29, 185

 0, 24, 185

Harmonies

Analogous

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



138, 154, 185



154, 158, 185



170, 154, 178

Triad

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



154, 158, 185



185, 157, 142



134, 155, 167

Complementary

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



154, 158, 185



160, 185, 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.



141, 165, 158



154, 158, 185



170, 176, 135

Square

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



154, 158, 185



188, 151, 153



136, 163, 134



126, 148, 168

Rectangle

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



154, 158, 185



179, 152, 171



136, 163, 134



138, 159, 166

Sweetspot

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



154, 158, 185



228, 229, 240



154, 171, 185



113, 114, 120



247, 247, 247



120, 120, 120

Same Dimension

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



154, 158, 185



192, 198, 240



165, 154, 185



83, 84, 92



0, 20, 156



0, 4, 28

Inverse Universe

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



185, 154, 159



240, 192, 199



154, 185, 165



92, 83, 84



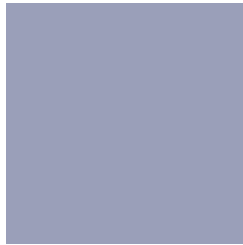
156, 0, 23



28, 0, 4

Previews

White Background



This preview shows how the RYB color 154, 158, 185 looks on a white background.

Color Contrast Check

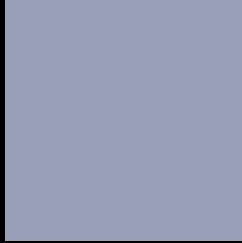
Large Text (above 18pt) WCAG AA × Fail

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, 158, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

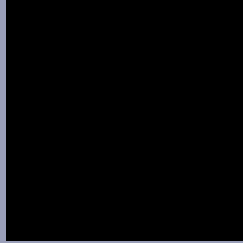
Any Text WCAG AA ✓ Pass

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, 158, 185 Background



This preview shows how black text looks on a background with the RYB color 154, 158, 185.



This preview shows how white text looks on a background with the RYB color 154, 158, 185.

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, 158, 185](#)

Protanopia
[155, 158, 185](#)

Deuteranopia
[163, 156, 186](#)



Tritanopia
152, 158, 173

Trichromacy



Original Color
154, 158, 185

Protanomaly
155, 158, 185

Deuteranomaly
160, 157, 186

Tritanomaly
153, 158, 177

Monochromacy



Original Color
154, 158, 185

Achromatopsia
160, 160, 160

Achromatomaly
158, 159, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 158, 185 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, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(154, 159, 185)  
}
```

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, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 159, 185) }
```

Border

The CSS property to change the border of an element to RYB 154, 158, 185 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, 159, 185) }
```

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

```
.border{ border-color:rgb(154, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 159, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 159, 185);  
box-shadow:4px 4px 4px 4px rgb(154, 159,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 154, 158, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 159, 185) }
```

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

```
.background{ background-color: rgb(154,  
159, 185) }
```

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