

Converting Colors

`RYB(133, 139, 185)`

Have a look what the booklet for
RYB(133, 139, 185) contains.

RYB(133, 139, 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(133, 139, 185)

Conversions

Conversions Part 1

Format	Color
Hex	858CB9
RGB	133, 140, 185
RGB Percent	52%, 55%, 73%
CMY	0.4784, 0.4518, 0.2745
CMYK	0.28, 0.24, 0.00, 0.27
HSL	232°, 27%, 62%
HSV	232°, 28%, 73%
XYZ	27.7762, 27.1820, 49.6816
YIQ	143.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

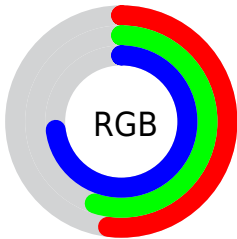
Format	Color
R_{YB}	133, 139, 185
Decimal	8752313
CIE _{Lab}	59.14, 7.91, -24.42
CIE _{LCh}	59, 25.667, 287.959
Yxy	27.1820, 0.2654, 0.2598
Android (android.graphics.Color)	4286942393 (0xFF858CB9)
YUV	143.0370, 20.6878, -8.8024
Hunter-Lab	52.1364, 3.8590, -20.0030

Details

The RYB color **133, 139, 185** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **141, 185, 133**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **187, 192, 241**, and **82, 89, 132** is the 20% darker color. If you saturate the color by 10%, you get **115, 123, 185**, and if you desaturate by 10%, it is **152, 156, 185**.

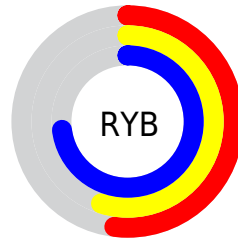
Distribution



Red (52%)

Green (55%)

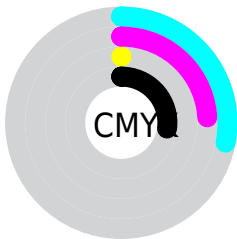
Blue (73%)



Red (52%)

Yellow (55%)

Blue (73%)

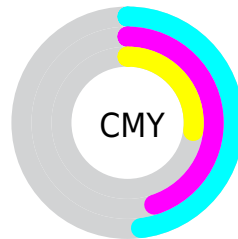


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 139, 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 133, 139, 185 by changing the saturation by 10% instead.

 133, 139, 185

255, 255, 255

 187, 192, 241

 215, 220, 255


 244, 248, 255

 133, 139, 185

 107, 113, 158

 82, 89, 132

 57, 65, 106

 33, 43, 82

 7, 20, 59

 0, 0, 37

 0, 1, 14


 0, 0, 0


 133, 139, 185

 133, 139, 185

 115, 123, 185

 152, 156, 185

 96, 107, 185

 170, 172, 185

 78, 90, 185

 186, 189, 185

 59, 73, 185

 188, 207, 185

 41, 57, 185

 192, 226, 185

 22, 41, 185

 194, 244, 185

 4, 24, 185

 188, 255, 185

 0, 21, 185

 185, 255, 185

Harmonies

Analogous

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



100, 130, 186



133, 139, 185



162, 132, 173

Triad

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



133, 139, 185



182, 140, 110



93, 130, 154

Complementary

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



133, 139, 185



141, 185, 133

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.



112, 151, 144



133, 139, 185



150, 167, 99

Square

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



133, 139, 185



188, 126, 130



99, 145, 100



74, 115, 155

Rectangle

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



133, 139, 185



176, 128, 160



99, 145, 100



101, 137, 153

Sweetspot

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



133, 139, 185



221, 223, 240



133, 161, 185



108, 109, 120



247, 247, 247



120, 120, 120

Same Dimension

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



133, 139, 185



158, 168, 240



152, 133, 185



83, 84, 92



0, 18, 156



0, 4, 28

Inverse Universe

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



185, 133, 140



240, 158, 169



133, 185, 152



92, 83, 84



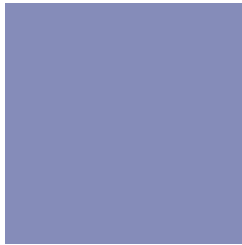
156, 0, 20



28, 0, 4

Previews

White Background



This preview shows how the RYB color 133, 139, 185 looks on a white background.

Color Contrast Check

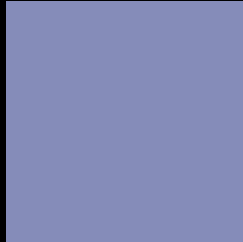
Large Text (above 18pt) WCAG AA ✓ Pass

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 133, 139, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

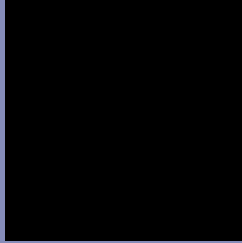
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 133, 139, 185 Background



This preview shows how black text looks on a background with the RYB color 133, 139, 185.



This preview shows how white text looks on a background with the RYB color 133, 139, 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
133, 139, 185

Protanopia
130, 139, 186

Deuteranopia
133, 139, 185



Tritanopia
127, 138, 157

Trichromacy



Original Color
133, 139, 185

Protanomaly
131, 139, 186

Deuteranomaly
133, 139, 185

Tritanomaly
129, 139, 167

Monochromacy



Original Color
133, 139, 185

Achromatopsia
143, 143, 143

Achromatomaly
139, 142, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 139, 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(133, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(133, 140, 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(133, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 140, 185) }
```

Border

The CSS property to change the border of an element to RYB 133, 139, 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(133, 140, 185) }
```

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

```
.border{ border-color:rgb(133, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(133, 140,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 133, 139, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 140, 185) }
```

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

```
.background{ background-color: rgb(133,  
140, 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