

Converting Colors

`RYB(135, 149, 187)`

Have a look what the booklet for
RYB(135, 149, 187) contains.

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Color

R_YB(135, 149, 187)

Conversions

Conversions Part 1

Format	Color
Hex	879ABB
RGB	135, 154, 187
RGB Percent	53%, 60%, 73%
CMY	0.4706, 0.3955, 0.2667
CMYK	0.28, 0.18, 0.00, 0.27
HSL	218°, 28%, 63%
HSV	218°, 28%, 73%
XYZ	30.5430, 31.9021, 51.5616
YIQ	152.0810, -21.9170, 6.2350

Conversions

Conversions Part 2

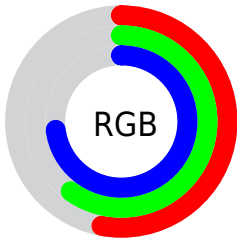
Format	Color
R_{YB}	135, 149, 187
Decimal	8886971
CIE _{Lab}	63.26, 0.83, -19.23
CIE _{LCh}	63, 19.250, 272.465
Yxy	31.9021, 0.2679, 0.2798
Android (android.graphics.Color)	4287077051 (0xFF879ABB)
YUV	152.0810, 17.2151, -14.9800
Hunter-Lab	56.4820, -2.3184, -14.5877

Details

The RYB color **135, 149, 187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165, 187, 135**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **189, 203, 243**, and **84, 98, 134** is the 20% darker color. If you saturate the color by 10%, you get **116, 135, 187**, and if you desaturate by 10%, it is **154, 163, 187**.

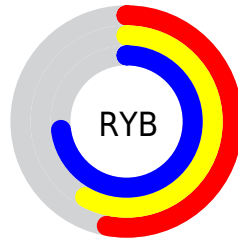
Distribution



Red (53%)

Green (60%)

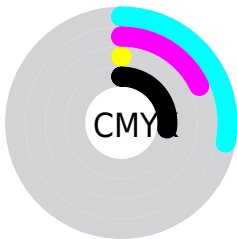
Blue (73%)



Red (53%)

Yellow (58%)

Blue (73%)

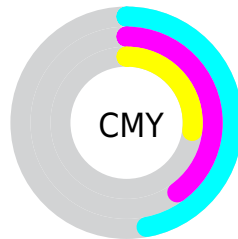


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 149, 187 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 135, 149, 187 by changing the saturation by 10% instead.

■ 135, 149, 187

255, 255, 255

■ 189, 203, 243

■ 217, 230, 255

■ 246, 251, 255

■ 135, 149, 187

■ 109, 123, 160

■ 84, 98, 134

■ 59, 73, 108

■ 35, 50, 84

■ 9, 26, 61

■ 0, 10, 39

■ 0, 1, 17

■ 0, 0, 0

■ 135, 149, 187

■ 135, 149, 187

■ 116, 135, 187

■ 154, 163, 187

■ 98, 122, 187

■ 172, 176, 187

■ 79, 108, 187

■ 188, 191, 187

■ 60, 94, 187

■ 202, 210, 187

■ 42, 81, 187

■ 211, 228, 187

■ 23, 67, 187

■ 222, 247, 187

■ 4, 53, 187

■ 211, 255, 187

■ 0, 50, 187

■ 194, 255, 187

■ 187, 255, 187

Harmonies

Analogous

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



115, 142, 183



135, 149, 187



158, 148, 182

Triad

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



135, 149, 187



188, 143, 136



127, 153, 161

Complementary

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



135, 149, 187



165, 187, 135

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.



124, 158, 136



135, 149, 187



180, 164, 123

Square

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



135, 149, 187



187, 141, 152



137, 165, 119



111, 139, 163

Rectangle

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



135, 149, 187



171, 145, 174



137, 165, 119



132, 160, 159

Sweetspot

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



135, 149, 187



223, 228, 242



135, 167, 187



110, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



135, 149, 187



162, 184, 242



141, 135, 187



85, 87, 94



0, 42, 158



0, 8, 31

Inverse Universe

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



187, 135, 154



242, 162, 192



135, 187, 141



94, 85, 88



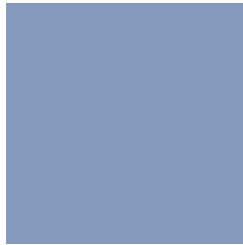
158, 0, 58



31, 0, 11

Previews

White Background



This preview shows how the RYB color 135, 149, 187 looks on a white background.

Color Contrast Check

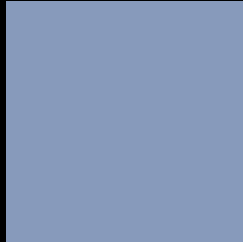
Large Text (above 18pt) WCAG AA × Fail

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 135, 149, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

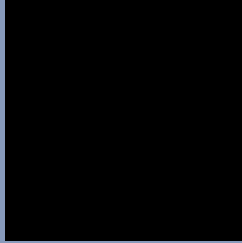
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

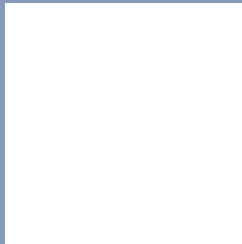
Any Text WCAG AAA ✓ Pass

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

RYB 135, 149, 187 Background



This preview shows how black text looks on a background with the RYB color 135, 149, 187.

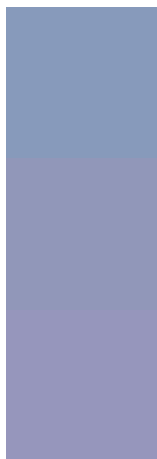


This preview shows how white text looks on a background with the RYB color 135, 149, 187.

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

135, 149, 187

Protanopia

145, 150, 185

Deuteranopia

150, 150, 188



Tritanopia
131, 147, 170

Trichromacy



Original Color
135, 149, 187

Protanomaly
141, 150, 186

Deuteranomaly
145, 151, 188

Tritanomaly
132, 148, 176

Monochromacy



Original Color
135, 149, 187

Achromatopsia
152, 152, 152

Achromatomaly
146, 151, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 149, 187 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(135, 154, 187) looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 187)  
}
```

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(135, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 187) }
```

Border

The CSS property to change the border of an element to RYB 135, 149, 187 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(135, 154, 187) }
```

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

```
.border{ border-color:rgb(135, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(135, 154,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 135, 149, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 154, 187) }
```

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

```
.background{ background-color: rgb(135,  
154, 187) }
```

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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