

Converting Colors

`RYB(141, 149, 180)`

Have a look what the booklet for
RYB(141, 149, 180) contains.

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Color

R_YB(141, 149, 180)

Conversions

Conversions Part 1

Format	Color
Hex	8D97B4
RGB	141, 151, 180
RGB Percent	55%, 59%, 71%
CMY	0.4471, 0.4076, 0.2941
CMYK	0.22, 0.16, 0.00, 0.29
HSL	225°, 21%, 63%
HSV	225°, 22%, 71%
XYZ	30.2997, 31.1120, 47.5883
YIQ	151.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

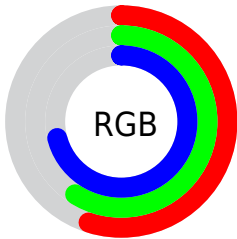
Format	Color
RYB	141, 149, 180
Decimal	9279412
CIELab	62.60, 2.76, -16.26
CIELCh	63, 16.490, 279.636
Yxy	31.1120, 0.2780, 0.2854
Android (android.graphics.Color)	4287469492 (0xFF8D97B4)
YUV	151.3160, 14.1412, -9.0471
Hunter-Lab	55.7781, -0.6472, -11.5398

Details

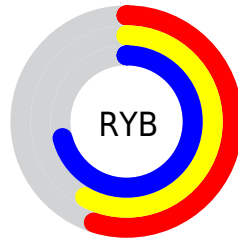
The RYB color **141, 149, 180** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 180, 141**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **195, 203, 236**, and **90, 98, 127** is the 20% darker color. If you saturate the color by 10%, you get **123, 135, 180**, and if you desaturate by 10%, it is **159, 163, 180**.

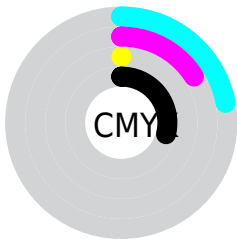
Distribution



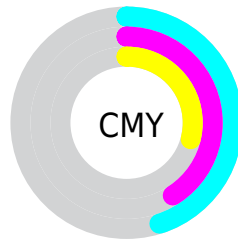
- Red (55%)
- Green (59%)
- Blue (71%)



- Red (55%)
- Yellow (58%)
- Blue (71%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (45%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 149, 180 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 141, 149, 180 by changing the saturation by 10% instead.

■ 141, 149, 180

255, 255, 255

■ 195, 203, 236

■ 223, 231, 255

■ 252, 254, 255

■ 141, 149, 180

■ 115, 123, 153

■ 90, 98, 127

■ 66, 74, 102

■ 43, 51, 78

■ 20, 29, 55

■ 0, 7, 34

■ 0, 0, 9

■ 0, 0, 0

■ 141, 149, 180


■ 141, 149, 180

 123, 135, 180

 159, 163, 180

 105, 120, 180

 177, 178, 180

 87, 106, 180

 185, 195, 180

 69, 92, 180

 192, 213, 180

 51, 77, 180

 197, 231, 180

 33, 63, 180

 204, 249, 180

 15, 49, 180

 192, 255, 180

 0, 37, 180

 180, 255, 180

Harmonies

Analogous

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



123, 144, 178



141, 149, 180



160, 146, 174

Triad

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



141, 149, 180



181, 146, 133



125, 148, 159

Complementary

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



141, 149, 180



154, 180, 141

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.



129, 156, 144



141, 149, 180



172, 168, 124

Square

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



141, 149, 180



182, 141, 147



130, 158, 123



114, 138, 160

Rectangle

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



141, 149, 180



170, 143, 166



130, 158, 123



130, 153, 158

Sweetspot

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



141, 149, 180



218, 221, 235



141, 163, 180



108, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



141, 149, 180



174, 186, 235



150, 141, 180



80, 82, 89



0, 31, 153



0, 6, 26

Inverse Universe

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



180, 141, 151



235, 174, 189



141, 180, 150



89, 80, 83



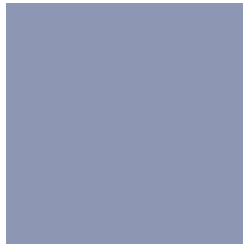
153, 0, 39



26, 0, 7

Previews

White Background



This preview shows how the RYB color 141, 149, 180 looks on a white background.

Color Contrast Check

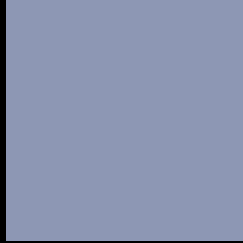
Large Text (above 18pt) WCAG AA × Fail

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 141, 149, 180 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 141, 149, 180 Background



This preview shows how black text looks on a background with the RYB color 141, 149, 180.



This preview shows how white text looks on a background with the RYB color 141, 149, 180.

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

141, 149, 180

Protanopia

145, 149, 179

Deuteranopia

151, 148, 181



Tritanopia

138, 148, 166

Trichromacy



Original Color

141, 149, 180

Protanomaly

144, 149, 179

Deuteranomaly

147, 149, 181

Tritanomaly

139, 149, 171

Monochromacy



Original Color

141, 149, 180

Achromatopsia

151, 151, 151

Achromatomaly

147, 150, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 149, 180 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(141, 151, 180)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 180)  
}
```

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(141, 151, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 180) }
```

Border

The CSS property to change the border of an element to RYB 141, 149, 180 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(141, 151, 180) }
```

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

```
.border{ border-color:rgb(141, 151, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 151, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 180);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 141, 149, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 180) }
```

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

```
.background{ background-color: rgb(141,  
151, 180) }
```

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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