

Converting Colors

`RYB(149, 165, 189)`

Have a look what the booklet for RYB(149, 165, 189) contains.

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Color

R_YB(149, 165, 189)

Conversions

Conversions Part 1

Format	Color
Hex	95B0BD
RGB	149, 176, 189
RGB Percent	58%, 69%, 74%
CMY	0.4157, 0.3111, 0.2588
CMYK	0.21, 0.07, 0.00, 0.26
HSL	200°, 23%, 66%
HSV	200°, 21%, 74%
XYZ	37.0398, 40.9838, 54.1026
YIQ	169.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

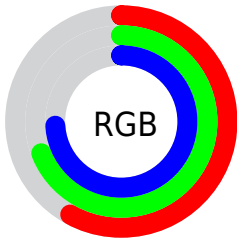
Format	Color
RYB	149, 165, 189
Decimal	9810109
CIELab	70.16, -6.19, -9.85
CIElCh	70, 11.632, 237.873
Yxy	40.9838, 0.2803, 0.3102
Android (android.graphics.Color)	4288000189 (0xFF95B0BD)
YUV	169.4090, 9.6584, -17.8987
Hunter-Lab	64.0186, -8.7562, -5.2934

Details

The RYB color **149, 165, 189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **189, 168, 149**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **204, 221, 245**, and **97, 113, 136** is the 20% darker color. If you saturate the color by 10%, you get **130, 153, 189**, and if you desaturate by 10%, it is **168, 176, 189**.

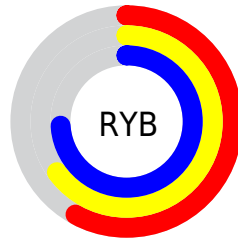
Distribution



Red (58%)

Green (69%)

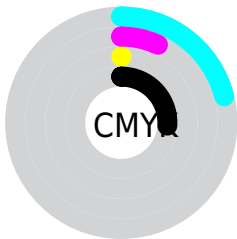
Blue (74%)



Red (58%)

Yellow (65%)

Blue (74%)

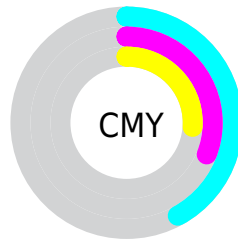


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 165, 189 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 149, 165, 189 by changing the saturation by 10% instead.

 149, 165, 189


255, 255, 255

 204, 220, 245

 232, 244, 255

 149, 165, 189

 123, 139, 162

 97, 113, 136

 73, 88, 110


 49, 64, 86

 26, 41, 63

 3, 19, 41

 0, 2, 21

 0, 0, 0

 149, 165, 189

 149, 165, 189

■ 130, 153, 189

■ 168, 176, 189

■ 111, 142, 189

■ 187, 188, 189

■ 92, 131, 189

■ 206, 198, 189

■ 73, 119, 189

■ 225, 207, 189

■ 55, 108, 189

■ 244, 216, 189

■ 36, 97, 189

■ 255, 227, 189

■ 17, 86, 189

■ 255, 247, 189

■ 0, 76, 189

■ 241, 255, 189

■ 224, 255, 189

Harmonies

Analogous

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



145, 162, 181



149, 165, 189



159, 169, 192

Triad

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



149, 165, 189



192, 164, 173



153, 174, 158

Complementary

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



149, 165, 189



189, 168, 149

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.



168, 181, 151



149, 165, 189



194, 165, 162

Square

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



149, 165, 189



185, 166, 183



190, 174, 154



157, 173, 176

Rectangle

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



149, 165, 189



168, 170, 191



190, 174, 154



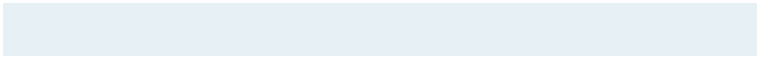
151, 173, 151

Sweetspot

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



149, 165, 189



230, 236, 245



149, 179, 189



114, 117, 122



250, 250, 250



122, 122, 122

Same Dimension

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



149, 165, 189



184, 208, 245



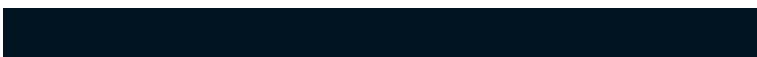
149, 155, 189



85, 89, 94



0, 63, 158



0, 12, 31

Inverse Universe

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



189, 149, 176



245, 184, 224



157, 189, 149



94, 85, 91



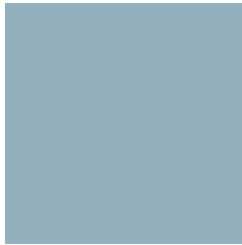
158, 0, 105



31, 0, 20

Previews

White Background



This preview shows how the RYB color 149, 165, 189 looks on a white background.

Color Contrast Check

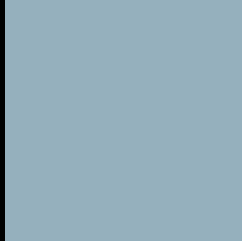
Large Text (above 18pt) WCAG AA × Fail

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 149, 165, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

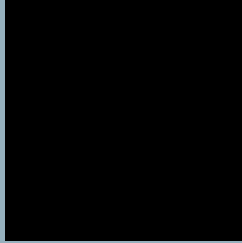
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

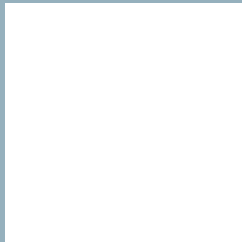
Any Text WCAG AAA ✓ Pass

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

RYB 149, 165, 189 Background



This preview shows how black text looks on a background with the RYB color 149, 165, 189.

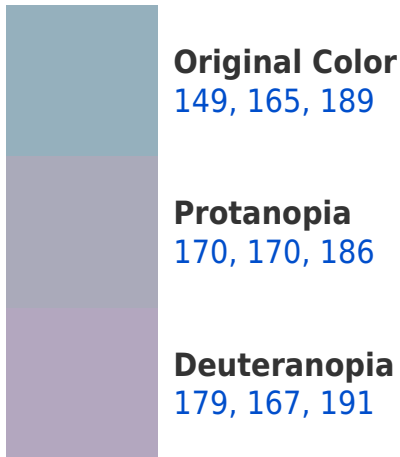


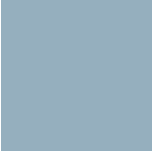
This preview shows how white text looks on a background with the RYB color 149, 165, 189.

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





Tritanopia
149, 165, 190

Trichromacy



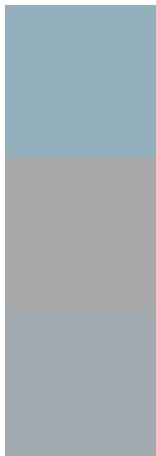
Original Color
149, 165, 189

Protanomaly
162, 169, 187

Deuteranomaly
168, 170, 190

Tritanomaly
149, 165, 190

Monochromacy



Original Color
149, 165, 189

Achromatopsia
169, 169, 169

Achromatomaly
162, 167, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 165, 189 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(149, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 189)  
}
```

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(149, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 189) }
```

Border

The CSS property to change the border of an element to RYB 149, 165, 189 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(149, 176, 189) }
```

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

```
.border{ border-color:rgb(149, 176, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 149, 165, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 189) }
```

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

```
.background{ background-color: rgb(149,  
176, 189) }
```

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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