

Converting Colors

`RYB(149, 158, 179)`

Have a look what the booklet for RYB(149, 158, 179) contains.

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Color

R_YB(149, 158, 179)

Conversions

Conversions Part 1

Format	Color
Hex	95A2B3
RGB	149, 162, 179
RGB Percent	58%, 64%, 70%
CMY	0.4157, 0.3653, 0.2980
CMYK	0.17, 0.10, 0.00, 0.30
HSL	214°, 16%, 64%
HSV	214°, 17%, 70%
XYZ	33.4263, 35.4346, 47.7256
YIQ	160.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

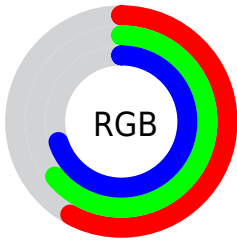
Format	Color
R_{YB}	149, 158, 179
Decimal	9806515
CIE Lab	66.09, -0.89, -10.40
CIE LCh	66, 10.435, 265.113
Yxy	35.4346, 0.2867, 0.3039
Android (android.graphics.Color)	4287996595 (0xFF95A2B3)
YUV	160.0510, 9.3419, -9.6917
Hunter-Lab	59.5270, -3.9387, -5.8668

Details

The RYB color **149, 158, 179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 179, 149**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **203, 213, 235**, and **98, 106, 126** is the 20% darker color. If you saturate the color by 10%, you get **131, 146, 179**, and if you desaturate by 10%, it is **167, 171, 179**.

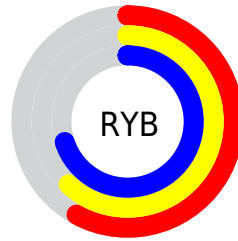
Distribution



Red (58%)

Green (64%)

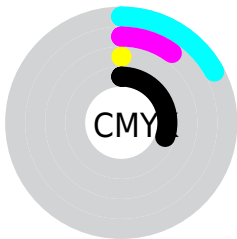
Blue (70%)



Red (58%)

Yellow (62%)

Blue (70%)

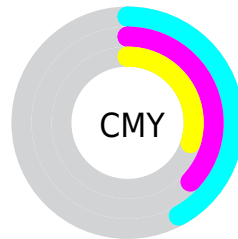


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 158, 179 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, 158, 179 by changing the saturation by 10% instead.

■ 149, 158, 179

255, 255, 255

■ 203, 213, 235

■ 232, 240, 255

■ 149, 158, 179

■ 123, 132, 152

■ 98, 106, 126

■ 74, 82, 101

■ 51, 59, 77

■ 29, 37, 55

■ 6, 16, 33

■ 0, 0, 9

■ 0, 0, 0

■ 149, 158, 179

■ 149, 158, 179

■ 131, 146, 179

■ 167, 171, 179

■ 113, 133, 179

■ 185, 185, 179

■ 95, 120, 179

■ 196, 203, 179

■ 77, 108, 179

■ 211, 221, 179

■ 60, 96, 179

■ 225, 239, 179

■ 42, 83, 179

■ 234, 255, 179

■ 24, 70, 179

■ 210, 255, 179

■ 6, 58, 179

■ 192, 255, 179

■ 0, 54, 179

■ 180, 255, 179

Harmonies

Analogous

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



140, 154, 176



149, 158, 179



161, 159, 177

Triad

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



149, 158, 179



181, 155, 153



149, 164, 165

Complementary

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



149, 158, 179



172, 179, 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.



144, 162, 146



149, 158, 179



178, 163, 146

Square

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



149, 158, 179



179, 154, 162



160, 170, 142



141, 156, 166

Rectangle

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



149, 158, 179



168, 157, 174



160, 170, 142



147, 164, 159

Sweetspot

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



149, 158, 179



220, 224, 232



149, 168, 179



110, 112, 117



245, 245, 245



117, 117, 117

Same Dimension

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



149, 158, 179



186, 200, 232



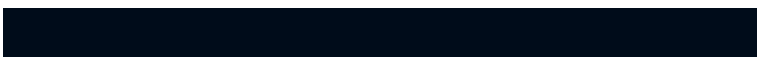
151, 149, 179



80, 83, 89



0, 46, 153



0, 8, 26

Inverse Universe

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



179, 149, 162



232, 186, 206



149, 179, 151



89, 80, 84



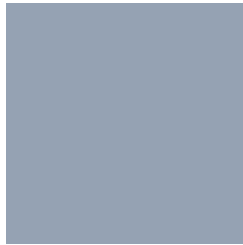
153, 0, 66



26, 0, 11

Previews

White Background



This preview shows how the RYB color 149, 158, 179 looks on a white background.

Color Contrast Check

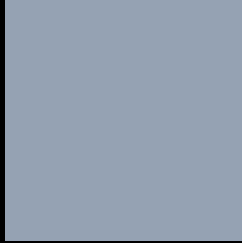
Large Text (above 18pt) WCAG AA × Fail

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, 158, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

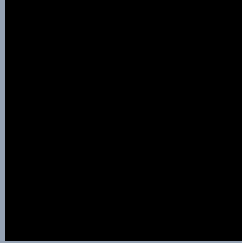
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

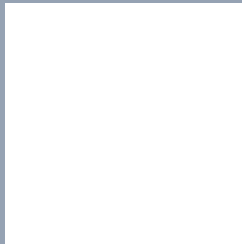
Any Text WCAG AAA ✓ Pass

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

RYB 149, 158, 179 Background



This preview shows how black text looks on a background with the RYB color 149, 158, 179.



This preview shows how white text looks on a background with the RYB color 149, 158, 179.

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

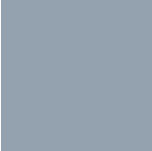
149, 158, 179

Protanopia

158, 159, 177

Deuteranopia

167, 156, 180



Tritanopia

148, 157, 175

Trichromacy



Original Color
149, 158, 179

Protanomaly
155, 159, 178

Deuteranomaly
160, 158, 180

Tritanomaly
148, 157, 176

Monochromacy



Original Color
149, 158, 179

Achromatopsia
160, 160, 160

Achromatomaly
156, 159, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 158, 179 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, 162, 179) looks like.

```
.text, #text, p{  
    color:rgb(149, 162, 179)  
}
```

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, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 162, 179) }
```

Border

The CSS property to change the border of an element to RYB 149, 158, 179 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, 162, 179) }
```

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

```
.border{ border-color:rgb(149, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(149, 162,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 149, 158, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 162, 179) }
```

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

```
.background{ background-color: rgb(149,  
162, 179) }
```

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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