

Converting Colors

`RYB(149, 176, 179)`

Have a look what the booklet for
RYB(149, 176, 179) contains.

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Color

R_YB(149, 176, 179)

Conversions

Conversions Part 1

Format	Color
Hex	95B398
RGB	149, 179, 152
RGB Percent	58%, 70%, 60%
CMY	0.4157, 0.2980, 0.4026
CMYK	0.17, 0.00, 0.15, 0.30
HSL	127°, 16%, 64%
HSV	127°, 17%, 70%
XYZ	34.2094, 40.9077, 35.9421
YIQ	166.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

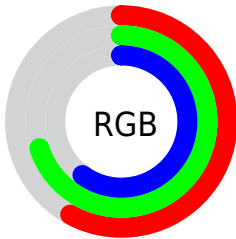
Format	Color
RYB	149, 176, 179
Decimal	9810840
CIELab	70.11, -15.51, 10.25
CIELCh	70, 18.585, 146.545
Yxy	40.9077, 0.3080, 0.3683
Android (android.graphics.Color)	4288000920 (0xFF95B398)
YUV	166.9520, -7.3713, -15.7439
Hunter-Lab	63.9591, -16.4554, 11.4532

Details

The RYB color **149, 176, 179** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 149, 176**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **203, 232, 235**, and **98, 123, 126** is the 20% darker color. If you saturate the color by 10%, you get **131, 174, 179**, and if you desaturate by 10%, it is **167, 178, 179**.

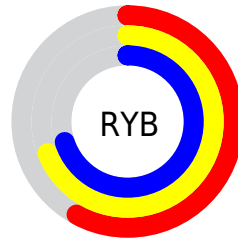
Distribution



Red (58%)

Green (70%)

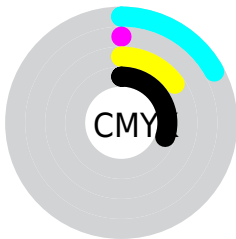
Blue (60%)



Red (58%)

Yellow (69%)

Blue (70%)

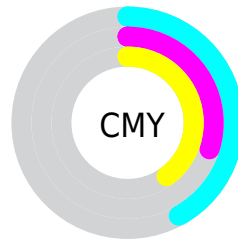


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (30%)



Cyan (42%)

Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 176, 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, 176, 179 by changing the saturation by 10% instead.


 149, 176, 179


255, 255, 255

 203, 231, 235


 232, 252, 255

 149, 176, 179

 123, 149, 152

 98, 123, 126

 74, 98, 101

 51, 74, 77

 28, 50, 54


 7, 30, 33


 0, 1, 1


 0, 0, 0

 149, 176, 179


 149, 176, 179


 131, 174, 179


 167, 178, 179


 113, 172, 179


 185, 179, 184

 95, 170, 179


 203, 179, 200

 77, 168, 179


 221, 179, 216

 60, 167, 179

 239, 179, 232

 42, 165, 179

 255, 179, 248

 24, 164, 179

 255, 179, 255

 6, 162, 179

 0, 161, 179

Harmonies

Analogous

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



141, 175, 148



149, 176, 179



133, 160, 181

Triad

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



149, 176, 179



150, 166, 205



207, 160, 157

Complementary

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



149, 176, 179



179, 149, 176

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.



204, 160, 174



149, 176, 179



172, 168, 201

Square

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



149, 176, 179



132, 159, 199



192, 163, 190



200, 175, 144

Rectangle

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



149, 176, 179



127, 154, 181



192, 163, 190



207, 160, 162

Sweetspot

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



149, 176, 179



220, 230, 232



149, 179, 152



110, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



149, 176, 179



186, 227, 232



149, 168, 179



80, 88, 89



0, 138, 153



0, 23, 26

Inverse Universe

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



179, 149, 176



232, 186, 227



179, 149, 161



89, 80, 88



153, 0, 136



26, 0, 23

Previews

White Background



This preview shows how the RYB color 149, 176, 179 looks on a white background.

Color Contrast Check

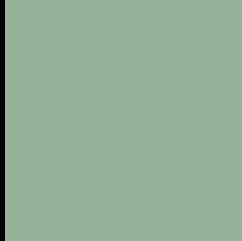
Large Text (above 18pt) WCAG AA × Fail

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, 176, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

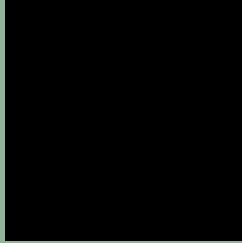
Any Text WCAG AA ✓ Pass

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](#).

R Y B 149, 176, 179 Background



This preview shows how black text looks on a background with the R Y B color 149, 176, 179.



This preview shows how white text looks on a background with the R Y B color 149, 176, 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](#).

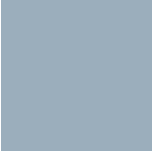
Dichromacy



Original Color
149, 176, 179

Protanopia
159, 179, 148

Deuteranopia
193, 169, 155



Tritanopia
155, 167, 188

Trichromacy



Original Color

149, 176, 179

Protanomaly

150, 174, 156

Deuteranomaly

164, 177, 154

Tritanomaly

153, 165, 176

Monochromacy



Original Color

149, 176, 179

Achromatopsia

167, 167, 167

Achromatomaly

160, 169, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 176, 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, 179, 152)` looks like.

```
.text, #text, p{  
    color:rgb(149, 179, 152)  
}
```

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, 179, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 179, 152) }
```

Border

The CSS property to change the border of an element to RYB 149, 176, 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, 179, 152) }
```

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

```
.border{ border-color:rgb(149, 179, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 179, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 179, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 179, 152);  
box-shadow:4px 4px 4px 4px rgb(149, 179,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 149, 176, 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, 179, 152) }
```

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

```
.background{ background-color: rgb(149,  
179, 152) }
```

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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