

Converting Colors

`RYB(149, 173, 174)`

Have a look what the booklet for
RYB(149, 173, 174) contains.

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Color

R_YB(149, 173, 174)

Conversions

Conversions Part 1

Format	Color
Hex	95AE96
RGB	149, 174, 150
RGB Percent	58%, 68%, 59%
CMY	0.4157, 0.3176, 0.4116
CMYK	0.14, 0.00, 0.14, 0.32
HSL	122°, 13%, 63%
HSV	122°, 14%, 68%
XYZ	33.0389, 38.8650, 34.6321
YIQ	163.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

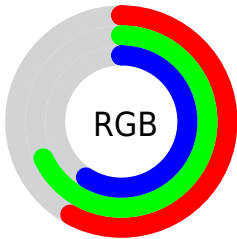
Format	Color
RYB	149, 173, 174
Decimal	9809558
CIELab	68.65, -13.33, 9.43
CIELCh	69, 16.326, 144.709
Yxy	38.8650, 0.3101, 0.3648
Android (android.graphics.Color)	4287999638 (0xFF95AE96)
YUV	163.7890, -6.7980, -12.9700
Hunter-Lab	62.3418, -14.4998, 10.7025

Details

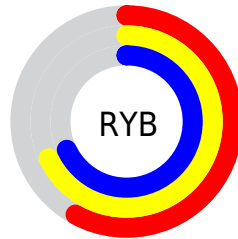
The RYB color **149, 173, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 149, 173**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **203, 229, 230**, and **98, 121, 122** is the 20% darker color. If you saturate the color by 10%, you get **132, 173, 174**, and if you desaturate by 10%, it is **166, 173, 174**.

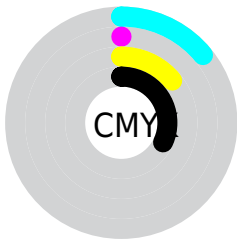
Distribution



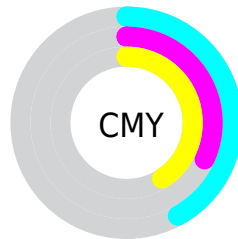
- Red (58%)
- Green (68%)
- Blue (59%)



- Red (58%)
- Yellow (68%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 173, 174 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, 173, 174 by changing the saturation by 10% instead.

 149, 173, 174


255, 255, 255


 203, 229, 230


 231, 254, 255

 149, 173, 174

 123, 146, 147

 98, 121, 122

 74, 96, 97


 51, 71, 73

 29, 48, 50

 8, 29, 29

 0, 0, 0

 149, 173, 174

 132, 173, 174

 149, 173, 174

 166, 173, 174

■ 114, 171, 174

■ 184, 174, 183

■ 97, 171, 174

■ 201, 174, 200

■ 79, 170, 174

■ 219, 174, 217

■ 62, 169, 174

■ 236, 174, 233

■ 45, 169, 174

■ 253, 174, 250

■ 27, 168, 174

■ 255, 174, 255

■ 10, 167, 174

■ 0, 167, 174

Harmonies

Analogous

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



141, 170, 145



149, 173, 174



135, 159, 176

Triad

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



149, 173, 174



148, 163, 196



199, 158, 156

Complementary

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



149, 173, 174



174, 149, 173

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.



196, 157, 171



149, 173, 174



167, 165, 194

Square

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



149, 173, 174



133, 157, 191



184, 160, 185



194, 170, 144

Rectangle

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



149, 173, 174



129, 153, 176



184, 160, 185



199, 157, 161

Sweetspot

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



149, 173, 174



218, 227, 227



149, 174, 150



109, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



149, 173, 174



188, 225, 227



149, 165, 174



78, 87, 87



0, 144, 150



0, 22, 23

Inverse Universe

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



174, 149, 173



227, 188, 225



174, 149, 161



87, 78, 86



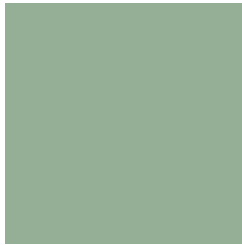
150, 0, 144



23, 0, 22

Previews

White Background



This preview shows how the RYB color 149, 173, 174 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, 173, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

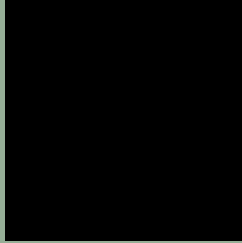
Any Text WCAG AA ✓ Pass

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, 173, 174 Background



This preview shows how black text looks on a background with the RYB color 149, 173, 174.



This preview shows how white text looks on a background with the RYB color 149, 173, 174.

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](#).

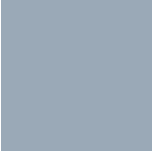
Dichromacy



Original Color
149, 173, 174

Protanopia
157, 175, 146

Deuteranopia
189, 163, 153



Tritanopia

154, 164, 183

Trichromacy



Original Color

149, 173, 174

Protanomaly

147, 170, 151

Deuteranomaly

165, 174, 152

Tritanomaly

152, 162, 171

Monochromacy



Original Color

149, 173, 174

Achromatopsia

164, 164, 164

Achromatomaly

159, 168, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 173, 174 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, 174, 150) looks like.

```
.text, #text, p{  
    color:rgb(149, 174, 150)  
}
```

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, 174, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 174, 150) }
```

Border

The CSS property to change the border of an element to RYB 149, 173, 174 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, 174, 150) }
```

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

```
.border{ border-color:rgb(149, 174, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 174, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(149, 174,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 149, 173, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 174, 150) }
```

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

```
.background{ background-color: rgb(149,  
174, 150) }
```

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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