

Converting Colors

`RYB(147, 171, 159)`

Have a look what the booklet for RYB(147, 171, 159) contains.

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Color

R_YB(147, 171, 159)

Conversions

Conversions Part 1

Format	Color
Hex	9FAB93
RGB	159, 171, 147
RGB Percent	62%, 67%, 58%
CMY	0.3765, 0.3294, 0.4235
CMYK	0.07, 0.00, 0.14, 0.33
HSL	90°, 12%, 62%
HSV	90°, 14%, 67%
XYZ	34.1274, 38.6033, 33.2562
YIQ	164.6760, 0.5520, -10.0080

Conversions

Conversions Part 2

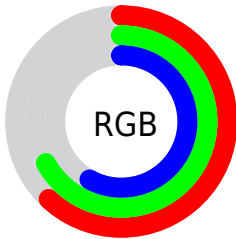
Format	Color
RYB	147, 171, 159
Decimal	10464147
CIELab	68.46, -8.69, 10.94
CIElCh	68, 13.965, 128.457
Yxy	38.6033, 0.3220, 0.3642
Android (android.graphics.Color)	4288654227 (0xFF9FAB93)
YUV	164.6760, -8.7143, -4.9779
Hunter-Lab	62.1316, -10.6843, 11.7568

Details

The RYB color **147, 171, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 147, 171**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **201, 226, 213**, and **96, 119, 108** is the 20% darker color. If you saturate the color by 10%, you get **130, 171, 151**, and if you desaturate by 10%, it is **164, 171, 167**.

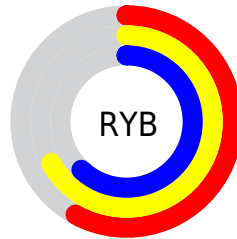
Distribution



Red (62%)

Green (67%)

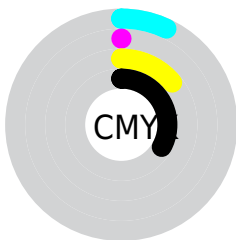
Blue (58%)



Red (58%)

Yellow (67%)

Blue (62%)

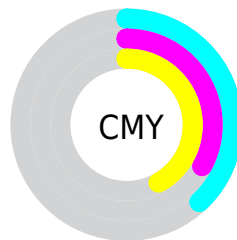


Cyan (7%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 171, 159 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 147, 171, 159 by changing the saturation by 10% instead.


 147, 171, 159


255, 255, 255

 201, 226, 213


 229, 255, 242

 147, 171, 159

 121, 144, 132

 96, 119, 108

 73, 94, 84

 50, 70, 60


 29, 48, 39


 4, 27, 12

 0, 0, 0

 147, 171, 159

 130, 171, 151

 147, 171, 159

 164, 171, 167

■ 113, 171, 142

■ 176, 171, 181

■ 96, 171, 134

■ 185, 171, 198

■ 79, 171, 125

■ 193, 171, 215

■ 61, 171, 116

■ 202, 171, 232

■ 44, 171, 107

■ 210, 171, 250

■ 27, 171, 99

■ 219, 171, 255

■ 10, 171, 90

■ 227, 171, 255

■ 0, 171, 85

■ 236, 171, 255

Harmonies

Analogous

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



149, 173, 142



147, 171, 159



145, 166, 174

Triad

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



147, 171, 159



143, 161, 190



193, 158, 164

Complementary

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



147, 171, 159



159, 147, 171

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.



187, 159, 176



147, 171, 159



158, 165, 192

Square

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



147, 171, 159



135, 156, 182



174, 163, 187



193, 162, 152

Rectangle

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



147, 171, 159



138, 158, 174



174, 163, 187



192, 158, 168

Sweetspot

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



147, 171, 159



213, 222, 218



171, 171, 147



107, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

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



147, 171, 159



184, 222, 203



147, 171, 171



78, 87, 83



0, 150, 75



0, 23, 12

Inverse Universe

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



159, 147, 171



203, 184, 222



171, 147, 171



82, 78, 87



75, 0, 150



11, 0, 23

Previews

White Background



This preview shows how the RYB color 147, 171, 159 looks on a white background.

Color Contrast Check

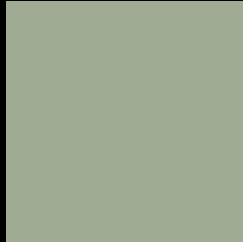
Large Text (above 18pt) WCAG AA × Fail

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 147, 171, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

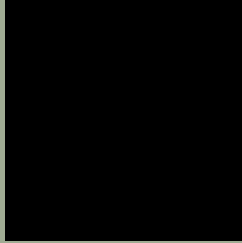
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

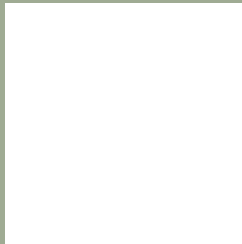
Any Text WCAG AAA ✓ Pass

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

RYB 147, 171, 159 Background



This preview shows how black text looks on a background with the RYB color 147, 171, 159.




This preview shows how white text looks on a background with the RYB color 147, 171, 159.

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

164, 166, 180

Trichromacy



Original Color

147, 171, 159

Protanomaly

147, 169, 146

Deuteranomaly

171, 178, 148

Tritanomaly

162, 165, 168

Monochromacy



Original Color

147, 171, 159

Achromatopsia

165, 165, 165

Achromatomaly

158, 167, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 171, 159 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(159, 171, 147) looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 147)  
}
```

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(159, 171, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 171, 159 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(159, 171, 147) }
```

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

```
.border{ border-color:rgb(159, 171, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 171, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 147) }
```

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

```
.background{ background-color: rgb(159,  
171, 147) }
```

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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