

Converting Colors

`RYB(148, 174, 157)`

Have a look what the booklet for
RYB(148, 174, 157) contains.

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Color

R_YB(148, 174, 157)

Conversions

Conversions Part 1

Format	Color
Hex	A5AE94
RGB	165, 174, 148
RGB Percent	65%, 68%, 58%
CMY	0.3529, 0.3176, 0.4196
CMYK	0.05, 0.00, 0.15, 0.32
HSL	81°, 14%, 63%
HSV	81°, 15%, 68%
XYZ	35.9984, 40.4096, 33.9195
YIQ	168.3450, 2.9820, -9.9940

Conversions

Conversions Part 2

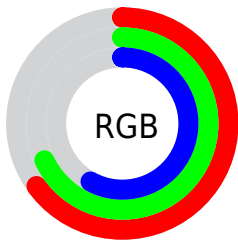
Format	Color
RYB	148, 174, 157
Decimal	10858132
CIELab	69.76, -7.90, 12.28
CIELCh	70, 14.603, 122.741
Yxy	40.4096, 0.3263, 0.3663
Android (android.graphics.Color)	4289048212 (0xFFA5AE94)
YUV	168.3450, -10.0301, -2.9336
Hunter-Lab	63.5685, -10.1616, 12.8614

Details

The RYB color **148, 174, 157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 148, 174**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **202, 229, 211**, and **97, 122, 106** is the 20% darker color. If you saturate the color by 10%, you get **131, 174, 146**, and if you desaturate by 10%, it is **165, 174, 168**.

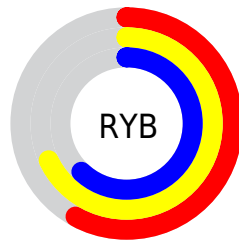
Distribution



Red (65%)

Green (68%)

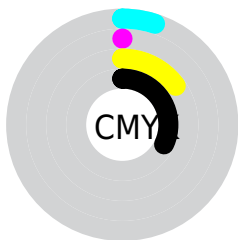
Blue (58%)



Red (58%)

Yellow (68%)

Blue (62%)

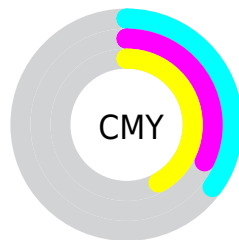


Cyan (5%)

Magenta (0%)

Yellow (15%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 174, 157 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 148, 174, 157 by changing the saturation by 10% instead.

 148, 174, 157


255, 255, 255

 202, 229, 211


 230, 255, 236

 148, 174, 157

 122, 147, 130

 97, 122, 106


 73, 97, 82

 51, 73, 59

 30, 51, 38

 5, 29, 11

 0, 0, 0

 148, 174, 157

 131, 174, 146

 148, 174, 157

 165, 174, 168

■ 113, 174, 134

■ 177, 174, 183

■ 96, 174, 123

■ 183, 174, 200

■ 78, 174, 111

■ 189, 174, 218

■ 61, 174, 100

■ 195, 174, 235

■ 44, 174, 89

■ 201, 174, 252

■ 26, 174, 77

■ 207, 174, 255

■ 9, 174, 66

■ 213, 174, 255

■ 0, 174, 60

■ 219, 174, 255

Harmonies

Analogous

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



158, 180, 144



148, 174, 157



150, 171, 177

Triad

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



148, 174, 157



143, 163, 194



197, 161, 170

Complementary

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



148, 174, 157



157, 148, 174

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.



189, 163, 183



148, 174, 157



158, 168, 197

Square

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



148, 174, 157



136, 158, 184



175, 167, 193



198, 163, 157

Rectangle

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



148, 174, 157



142, 163, 178



175, 167, 193



195, 162, 174

Sweetspot

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



148, 174, 157



218, 227, 221



174, 162, 148



109, 115, 111



242, 242, 242



115, 115, 115

Same Dimension

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



148, 174, 157



186, 227, 200



148, 174, 170



78, 87, 81



0, 150, 52



0, 23, 8

Inverse Universe

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



157, 148, 174



200, 186, 227



170, 148, 174



81, 78, 87



52, 0, 150



8, 0, 23

Previews

White Background



This preview shows how the RYB color 148, 174, 157 looks on a white background.

Color Contrast Check

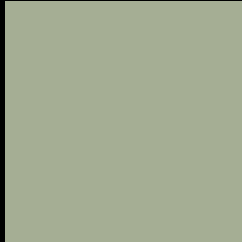
Large Text (above 18pt) WCAG AA × Fail

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 148, 174, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

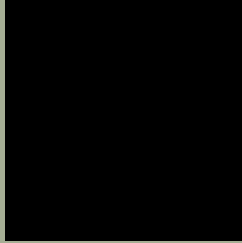
Any Text WCAG AA ✓ Pass

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](#).

RYP 148, 174, 157 Background



This preview shows how black text looks on a background with the RYP color 148, 174, 157.



This preview shows how white text looks on a background with the RYP color 148, 174, 157.

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
148, 174, 157

Protanopia
158, 179, 146

Deuteranopia
194, 171, 150



Tritanopia
170, 169, 182

Trichromacy



Original Color

148, 174, 157

Protanomaly

150, 174, 147

Deuteranomaly

176, 183, 149

Tritanomaly

168, 170, 171

Monochromacy



Original Color

148, 174, 157

Achromatopsia

168, 168, 168

Achromatomaly

161, 170, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 174, 157 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(165, 174, 148) looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 148)  
}
```

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(165, 174, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 174, 157 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(165, 174, 148) }
```

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

```
.border{ border-color:rgb(165, 174, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 174, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 174, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 174, 148);  
box-shadow:4px 4px 4px 4px rgb(165, 174,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 174, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 174, 148) }
```

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

```
.background{ background-color: rgb(165,  
174, 148) }
```

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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