

Converting Colors

`RYB(151, 174, 152)`

Have a look what the booklet for
RYB(151, 174, 152) contains.

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Color

R_YB(151, 174, 152)

Conversions

Conversions Part 1

Format	Color
Hex	ADAE97
RGB	173, 174, 151
RGB Percent	68%, 68%, 59%
CMY	0.3216, 0.3176, 0.4078
CMYK	0.01, 0.00, 0.13, 0.32
HSL	63°, 12%, 64%
HSV	63°, 13%, 68%
XYZ	37.9555, 41.3907, 35.2669
YIQ	171.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

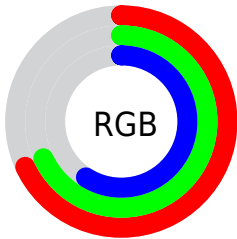
Format	Color
RYB	151, 174, 152
Decimal	11382423
CIELab	70.45, -4.43, 11.70
CIELCh	70, 12.508, 110.721
Yxy	41.3907, 0.3312, 0.3611
Android (android.graphics.Color)	4289572503 (0xFFADAE97)
YUV	171.0790, -9.8989, 1.6847
Hunter-Lab	64.3356, -7.2791, 12.5339

Details

The RYB color **151, 174, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 151, 174**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **205, 229, 205**, and **100, 122, 101** is the 20% darker color. If you saturate the color by 10%, you get **134, 174, 136**, and if you desaturate by 10%, it is **168, 174, 168**.

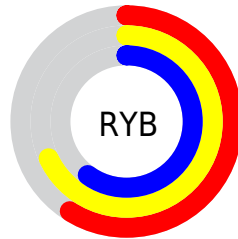
Distribution



Red (68%)

Green (68%)

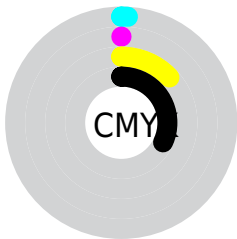
Blue (59%)



Red (59%)

Yellow (68%)

Blue (60%)

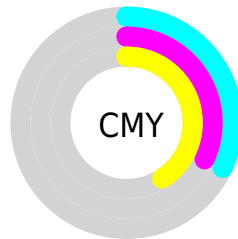


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (32%)


Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 174, 152 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 151, 174, 152 by changing the saturation by 10% instead.

 151, 174, 152


255, 255, 255

 205, 229, 205


 233, 255, 233

 151, 174, 152

 125, 147, 126

 100, 122, 101

 76, 97, 77

 53, 73, 54


 32, 51, 34

 9, 30, 10

 0, 3, 3

 0, 0, 0

 151, 174, 152

 151, 174, 152

■ 134, 174, 136

■ 168, 174, 168

■ 116, 174, 119

■ 175, 174, 186

■ 99, 174, 102

■ 175, 174, 203

■ 81, 174, 85

■ 176, 174, 221

■ 64, 174, 69

■ 177, 174, 238

■ 47, 174, 53

■ 178, 174, 255

■ 29, 174, 35

■ 179, 174, 255

■ 12, 174, 19

■ 180, 174, 255

■ 0, 174, 8

Harmonies

Analogous

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



176, 185, 150



151, 174, 152



158, 177, 175

Triad

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



151, 174, 152



146, 164, 189



193, 165, 176

Complementary

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



151, 174, 152



152, 151, 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.



184, 167, 187



151, 174, 152



156, 168, 194

Square

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



151, 174, 152



144, 162, 180



170, 171, 193



197, 165, 165

Rectangle

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



151, 174, 152



152, 170, 178



170, 171, 193



191, 165, 180

Sweetspot

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



151, 174, 152



218, 227, 218



174, 152, 151



109, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



151, 174, 152



191, 227, 193



151, 174, 163



78, 87, 79



0, 150, 6



0, 23, 1

Inverse Universe

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



152, 151, 174



192, 191, 227



163, 151, 174



78, 78, 87



7, 0, 150



1, 0, 23

Previews

White Background



This preview shows how the RYB color 151, 174, 152 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 151, 174, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

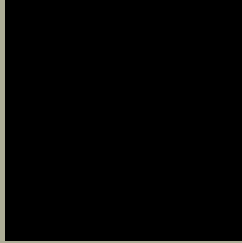
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

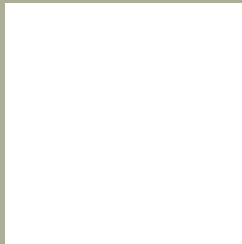
Any Text WCAG AAA ✓ Pass

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

RYB 151, 174, 152 Background



This preview shows how black text looks on a background with the RYB color 151, 174, 152.



This preview shows how white text looks on a background with the RYB color 151, 174, 152.

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
151, 174, 152

Protanopia
161, 180, 150

Deuteranopia
196, 172, 153



Tritanopia
177, 169, 183

Trichromacy



Original Color

151, 174, 152

Protanomaly

155, 177, 150

Deuteranomaly

188, 184, 152

Tritanomaly

176, 171, 171

Monochromacy



Original Color

151, 174, 152

Achromatopsia

171, 171, 171

Achromatomaly

164, 172, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 174, 152 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(173, 174, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 151)  
}
```

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(173, 174, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 174, 152 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(173, 174, 151) }
```

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

```
.border{ border-color:rgb(173, 174, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 174, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 174, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 151) }
```

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

```
.background{ background-color: rgb(173,  
174, 151) }
```

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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