

Converting Colors

`RYB(151, 168, 154)`

Have a look what the booklet for
RYB(151, 168, 154) contains.

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Color

R_YB(151, 168, 154)

Conversions

Conversions Part 1

Format	Color
Hex	A5A897
RGB	165, 168, 151
RGB Percent	65%, 66%, 59%
CMY	0.3529, 0.3412, 0.4078
CMYK	0.02, 0.00, 0.10, 0.34
HSL	71°, 9%, 63%
HSV	71°, 10%, 66%
XYZ	35.1056, 38.2390, 34.8088
YIQ	165.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

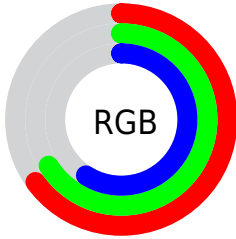
Format	Color
RYB	151, 168, 154
Decimal	10856599
CIELab	68.20, -4.17, 8.41
CIELCh	68, 9.391, 116.384
Yxy	38.2390, 0.3246, 0.3536
Android (android.graphics.Color)	4289046679 (0xFFA5A897)
YUV	165.1650, -6.9833, -0.1447
Hunter-Lab	61.8377, -6.8804, 9.9117

Details

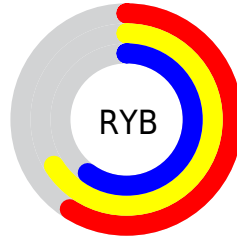
The RYB color **151, 168, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 151, 168**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **205, 223, 208**, and **100, 116, 103** is the 20% darker color. If you saturate the color by 10%, you get **134, 168, 140**, and if you desaturate by 10%, it is **168, 168, 168**.

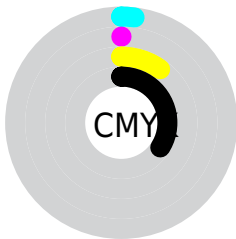
Distribution



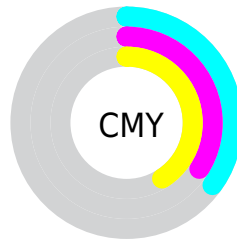
- Red (65%)
- Green (66%)
- Blue (59%)



- Red (59%)
- Yellow (66%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 168, 154 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, 168, 154 by changing the saturation by 10% instead.

 151, 168, 154


255, 255, 255

 205, 223, 208

 233, 252, 236

 151, 168, 154

 125, 142, 128

 100, 116, 103


 76, 91, 78

 54, 68, 57

 32, 46, 35

 9, 25, 11

 0, 0, 0

 151, 168, 154

 134, 168, 140

 151, 168, 154

 168, 168, 168

■ 117, 168, 126

■ 171, 168, 185

■ 101, 168, 113

■ 174, 168, 201

■ 84, 168, 99

■ 177, 168, 218

■ 67, 168, 85

■ 180, 168, 235

■ 50, 168, 71

■ 183, 168, 252

■ 33, 168, 57

■ 186, 168, 255

■ 17, 168, 44

■ 189, 168, 255

■ 0, 168, 30

■ 192, 168, 255

Harmonies

Analogous

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



163, 174, 149



151, 168, 154



155, 168, 170

Triad

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



151, 168, 154



148, 161, 180



183, 161, 168

Complementary

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



151, 168, 154



154, 151, 168

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.



177, 162, 176



151, 168, 154



156, 164, 183

Square

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



151, 168, 154



145, 158, 173



167, 164, 181



185, 161, 159

Rectangle

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



151, 168, 154



150, 163, 171



167, 164, 181



181, 161, 170

Sweetspot

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



151, 168, 154



213, 219, 214



168, 155, 151



105, 110, 106



237, 237, 237



110, 110, 110

Same Dimension

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



151, 168, 154



193, 219, 197



151, 168, 162



76, 84, 77



0, 148, 26



0, 20, 3

Inverse Universe

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



154, 151, 168



198, 193, 219



162, 151, 168



77, 76, 84



26, 0, 148



4, 0, 20

Previews

White Background



This preview shows how the RYB color 151, 168, 154 looks on a white background.

Color Contrast Check

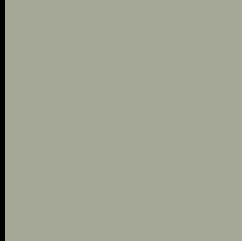
Large Text (above 18pt) WCAG AA × Fail

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, 168, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

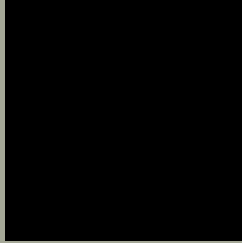
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

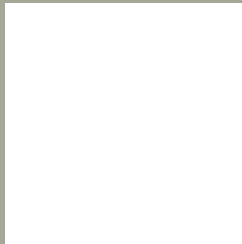
Any Text WCAG AAA ✓ Pass

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

RYB 151, 168, 154 Background



This preview shows how black text looks on a background with the RYB color 151, 168, 154.



This preview shows how white text looks on a background with the RYB color 151, 168, 154.

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, 168, 154

Protanopia

160, 173, 150

Deuteranopia

187, 162, 153



Tritanopia
169, 164, 177

Trichromacy



Original Color

151, 168, 154

Protanomaly

154, 170, 150

Deuteranomaly

179, 171, 152

Tritanomaly

168, 165, 168

Monochromacy



Original Color

151, 168, 154

Achromatopsia

165, 165, 165

Achromatomaly

160, 166, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 168, 154 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, 168, 151) looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 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(165, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 168, 154 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, 168, 151) }
```

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

```
.border{ border-color:rgb(165, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 168, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 151) }
```

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

```
.background{ background-color: rgb(165,  
168, 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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