

Converting Colors

`RYB(151, 101, 107)`

Have a look what the booklet for
RYB(151, 101, 107) contains.

RYB(151, 101, 107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(151, 101, 107)

Conversions

Conversions Part 1

Format	Color
Hex	97656B
RGB	151, 101, 107
RGB Percent	59%, 40%, 42%
CMY	0.4078, 0.6039, 0.5804
CMYK	0.00, 0.33, 0.29, 0.41
HSL	353°, 20%, 49%
HSV	353°, 33%, 59%
XYZ	20.0700, 16.9482, 16.1234
YIQ	116.6340, 27.8740, 12.4660

Conversions

Conversions Part 2

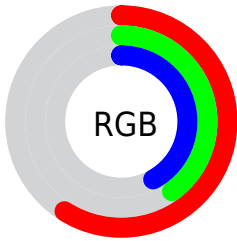
Format	Color
RYB	151, 101, 107
Decimal	9921899
CIELab	48.19, 21.04, 4.87
CIELCh	48, 21.597, 13.032
Yxy	16.9482, 0.3777, 0.3189
Android (android.graphics.Color)	4288111979 (0xFF97656B)
YUV	116.6340, -4.7496, 30.1390
Hunter-Lab	41.1682, 14.9767, 5.5969

Details

The RYB color **151, 101, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **101, 128, 151**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **206, 152, 158**, and **99, 53, 60** is the 20% darker color. If you saturate the color by 10%, you get **151, 86, 94**, and if you desaturate by 10%, it is **151, 116, 120**.

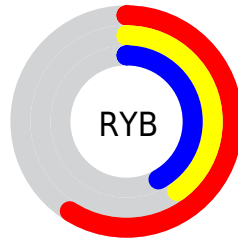
Distribution



Red (59%)

Green (40%)

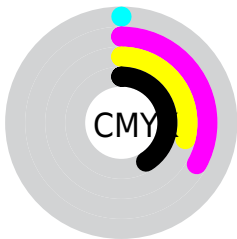
Blue (42%)



Red (59%)

Yellow (40%)

Blue (42%)

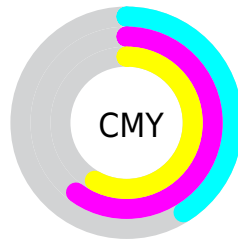


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (41%)



Cyan (41%)


Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 101, 107 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, 101, 107 by changing the saturation by 10% instead.

 151, 101, 107


255, 255, 255

 206, 152, 158

 235, 179, 185


 255, 207, 213

 255, 235, 241

 151, 101, 107

 124, 77, 83


 99, 53, 60

 74, 31, 38

 50, 9, 18


 26, 0, 1


 0, 0, 0


 151, 101, 107

 151, 86, 94

 151, 71, 80

 151, 101, 107

 151, 116, 120

 151, 131, 134

■ 151, 56, 67

■ 151, 146, 147

■ 151, 41, 54

■ 151, 156, 161

■ 151, 26, 41

■ 151, 165, 177

■ 151, 10, 27

■ 151, 173, 192

■ 151, 0, 18

■ 151, 181, 207

■ 151, 189, 222

■ 151, 197, 237

Harmonies

Analogous

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



144, 102, 126



151, 101, 107



148, 108, 90

Triad

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



151, 101, 107



87, 121, 109



76, 103, 149

Complementary

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



151, 101, 107



101, 128, 151

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.



59, 95, 139



151, 101, 107



78, 108, 124

Square

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



151, 101, 107



82, 119, 79



61, 94, 125



103, 111, 150

Rectangle

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



151, 101, 107



141, 128, 82



61, 94, 125



69, 100, 146

Sweetspot

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



151, 101, 107



196, 177, 179



144, 101, 151



99, 88, 89



227, 227, 227



99, 99, 99

Same Dimension

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



151, 101, 107



196, 118, 127



151, 129, 101



77, 69, 70



140, 0, 17



13, 0, 2

Inverse Universe

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



151, 101, 107



196, 118, 127



101, 121, 151



77, 69, 70



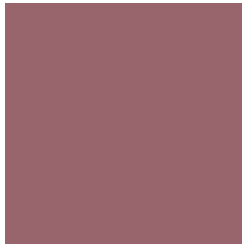
140, 0, 17



13, 0, 2

Previews

White Background



This preview shows how the RYB color 151, 101, 107 looks on a white background.

Color Contrast Check

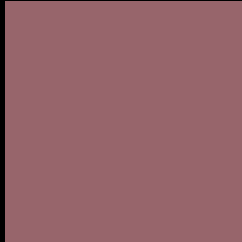
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 151, 101, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 151, 101, 107 Background



This preview shows how black text looks on a background with the RYB color 151, 101, 107.



This preview shows how white text looks on a background with the RYB color 151, 101, 107.

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, 101, 107

Protanopia

117, 114, 114

Deuteranopia

129, 113, 105



Tritanopia
151, 101, 108

Trichromacy



Original Color

151, 101, 107

Protanomaly

129, 109, 111

Deuteranomaly

137, 107, 106

Tritanomaly

151, 101, 108

Monochromacy



Original Color

151, 101, 107

Achromatopsia

117, 117, 117

Achromatomaly

129, 111, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 101, 107 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(151, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 101, 107)  
}
```

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(151, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 101, 107) }
```

Border

The CSS property to change the border of an element to RYB 151, 101, 107 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(151, 101, 107) }
```

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

```
.border{ border-color:rgb(151, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 101,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 151, 101, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 101, 107) }
```

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

```
.background{ background-color: rgb(151,  
101, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor