

Converting Colors

`RYB(151, 101, 109)`

Have a look what the booklet for
RYB(151, 101, 109) contains.

RYB(151, 101, 109)	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, 109)

Conversions

Conversions Part 1

Format	Color
Hex	97656D
RGB	151, 101, 109
RGB Percent	59%, 40%, 43%
CMY	0.4078, 0.6039, 0.5725
CMYK	0.00, 0.33, 0.28, 0.41
HSL	350°, 20%, 49%
HSV	350°, 33%, 59%
XYZ	20.1765, 16.9908, 16.6841
YIQ	116.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

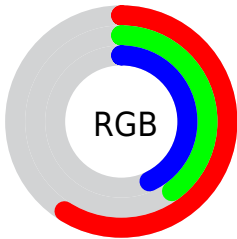
Format	Color
R_{YB}	151, 101, 109
Decimal	9921901
CIE _{Lab}	48.25, 21.33, 3.75
CIE _{LCh}	48, 21.662, 9.969
Yxy	16.9908, 0.3747, 0.3155
Android (android.graphics.Color)	4288111981 (0xFF97656D)
YUV	116.8620, -3.8760, 29.9390
Hunter-Lab	41.2199, 15.2382, 4.8558

Details

The RYB color **151, 101, 109** 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, 160**, and **99, 53, 62** is the 20% darker color. If you saturate the color by 10%, you get **151, 86, 96**, and if you desaturate by 10%, it is **151, 116, 122**.

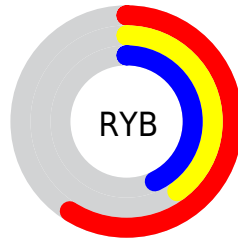
Distribution



Red (59%)

Green (40%)

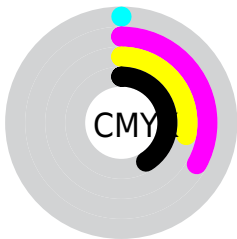
Blue (43%)



Red (59%)

Yellow (40%)

Blue (43%)

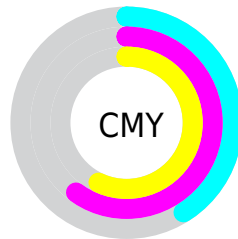


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (41%)



Cyan (41%)


Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 101, 109 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, 109 by changing the saturation by 10% instead.

 151, 101, 109


255, 255, 255

 206, 152, 160

 235, 179, 187

 255, 207, 215

 255, 235, 244

 151, 101, 109

 124, 77, 85


 99, 53, 62

 74, 31, 40

 50, 9, 19


 27, 0, 1


 0, 0, 0


 151, 101, 109

 151, 86, 96

 151, 71, 84

 151, 101, 109

 151, 116, 122

 151, 131, 134

151, 56, 71

151, 146, 147

151, 41, 58

151, 156, 161

151, 26, 46

151, 165, 177

151, 10, 33

151, 173, 192

151, 0, 24

151, 181, 207

151, 190, 222

151, 198, 237

Harmonies

Analogous

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



143, 103, 127



151, 101, 109



149, 107, 92

Triad

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



151, 101, 109



86, 120, 105



74, 102, 148

Complementary

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



151, 101, 109



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.



58, 94, 137



151, 101, 109



80, 110, 124

Square

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



151, 101, 109



85, 121, 78



62, 95, 125



100, 111, 150

Rectangle

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



151, 101, 109



143, 123, 83



62, 95, 125



67, 99, 146

Sweetspot

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



151, 101, 109



196, 177, 180



143, 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, 109



196, 118, 130



151, 127, 101



77, 69, 70



140, 0, 22



13, 0, 2

Inverse Universe

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



151, 101, 109



196, 118, 130



101, 121, 151



77, 69, 70



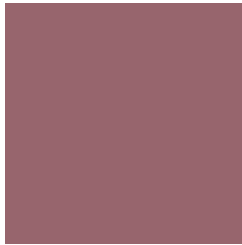
140, 0, 22



13, 0, 2

Previews

White Background



This preview shows how the RYB color 151, 101, 109 looks on a white background.

Color Contrast Check

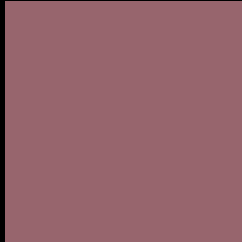
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

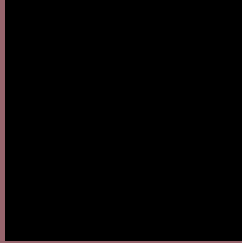
Any Text WCAG AA × Fail

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, 109 Background



This preview shows how black text looks on a background with the RYB color 151, 101, 109.



This preview shows how white text looks on a background with the RYB color 151, 101, 109.

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, 109

Protanopia

116, 114, 116

Deuteranopia

129, 112, 107



Tritanopia
151, 101, 109

Trichromacy



Original Color

151, 101, 109

Protanomaly

129, 109, 113

Deuteranomaly

137, 107, 108

Tritanomaly

151, 101, 109

Monochromacy



Original Color

151, 101, 109

Achromatopsia

117, 117, 117

Achromatomaly

129, 111, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 101, 109 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(151, 101, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 101, 109) }
```

Border

The CSS property to change the border of an element to RYB 151, 101, 109 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, 109) }
```

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

```
.border{ border-color:rgb(151, 101, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(151, 101,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 151, 101, 109 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, 109) }
```

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

```
.background{ background-color: rgb(151,  
101, 109) }
```

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