

Converting Colors

`RYB(151, 114, 117)`

Have a look what the booklet for
RYB(151, 114, 117) contains.

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Color

R_YB(151, 114, 117)

Conversions

Conversions Part 1

Format	Color
Hex	977275
RGB	151, 114, 117
RGB Percent	59%, 45%, 46%
CMY	0.4078, 0.5529, 0.5412
CMYK	0.00, 0.25, 0.23, 0.41
HSL	355°, 15%, 52%
HSV	355°, 25%, 59%
XYZ	21.9907, 19.8983, 19.5113
YIQ	125.4050, 21.0890, 8.7770

Conversions

Conversions Part 2

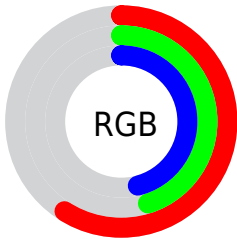
Format	Color
R_{YB}	151, 114, 117
Decimal	9925237
CIE Lab	51.72, 15.05, 4.01
CIE LCh	52, 15.571, 14.910
Yxy	19.8983, 0.3582, 0.3241
Android (android.graphics.Color)	4288115317 (0xFF977275)
YUV	125.4050, -4.1437, 22.4468
Hunter-Lab	44.6075, 9.9342, 5.2918

Details

The RYB color **151, 114, 117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114, 133, 151**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **206, 166, 169**, and **99, 66, 69** is the 20% darker color. If you saturate the color by 10%, you get **151, 99, 103**, and if you desaturate by 10%, it is **151, 129, 131**.

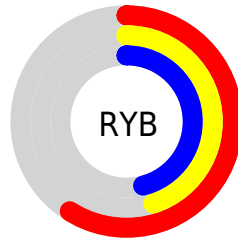
Distribution



Red (59%)

Green (45%)

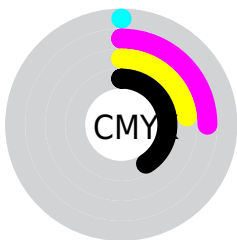
Blue (46%)



Red (59%)

Yellow (45%)

Blue (46%)

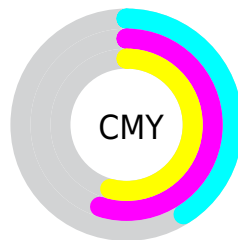


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (41%)



Cyan (41%)


Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 114, 117 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, 114, 117 by changing the saturation by 10% instead.

 151, 114, 117


255, 255, 255


 206, 166, 169

 234, 193, 196


 255, 221, 224


 255, 250, 253

 151, 114, 117

 151, 99, 103


 151, 84, 89

 151, 114, 117

 125, 89, 92


 99, 66, 69


 75, 43, 47


 51, 22, 26

 33, 0, 0

 0, 0, 0

 151, 114, 117

 151, 129, 131

 151, 144, 145

■ 151, 69, 75

■ 151, 155, 159

■ 151, 54, 61

■ 151, 163, 174

■ 151, 39, 48

■ 151, 172, 190

■ 151, 23, 34

■ 151, 179, 205

■ 151, 8, 20

■ 151, 187, 220

■ 151, 0, 12

■ 151, 195, 235

■ 151, 203, 250

Harmonies

Analogous

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



146, 115, 131



151, 114, 117



149, 120, 105

Triad

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



151, 114, 117



104, 128, 121



100, 117, 149

Complementary

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



151, 114, 117



114, 133, 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.



88, 112, 142



151, 114, 117



97, 118, 130

Square

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



151, 114, 117



100, 127, 98



88, 110, 131



117, 121, 149

Rectangle

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



151, 114, 117



143, 134, 100



88, 110, 131



95, 115, 147

Sweetspot

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



151, 114, 117



196, 183, 184



148, 114, 151



99, 91, 92



227, 227, 227



99, 99, 99

Same Dimension

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



151, 114, 117



196, 139, 144



151, 139, 114



77, 69, 69



140, 0, 11



13, 0, 1

Inverse Universe

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



151, 114, 117



196, 139, 144



114, 128, 151



77, 69, 69



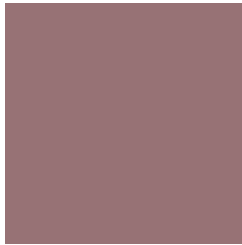
140, 0, 11



13, 0, 1

Previews

White Background



This preview shows how the RYB color 151, 114, 117 looks on a white background.

Color Contrast Check

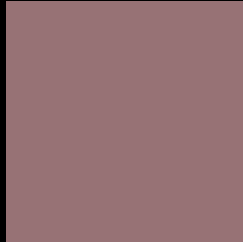
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 151, 114, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

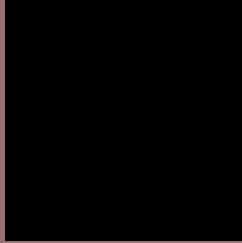
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 151, 114, 117 Background



This preview shows how black text looks on a background with the RYB color 151, 114, 117.



This preview shows how white text looks on a background with the RYB color 151, 114, 117.

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, 114, 117](#)

Protanopia

[126, 123, 122](#)

Deuteranopia

[138, 119, 116](#)



Tritanopia
152, 113, 122

Trichromacy



Original Color
151, 114, 117

Protanomaly
135, 120, 120

Deuteranomaly
143, 117, 116

Tritanomaly
152, 113, 120

Monochromacy



Original Color
151, 114, 117

Achromatopsia
125, 125, 125

Achromatomaly
134, 121, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 114, 117 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, 114, 117)` looks like.

```
.text, #text, p{  
    color:rgb(151, 114, 117)  
}
```

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, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 114, 117) }
```

Border

The CSS property to change the border of an element to RYB 151, 114, 117 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, 114, 117) }
```

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

```
.border{ border-color:rgb(151, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(151, 114,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 151, 114, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 114, 117) }
```

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

```
.background{ background-color: rgb(151,  
114, 117) }
```

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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