

Converting Colors

`RYB(155, 107, 118)`

Have a look what the booklet for
RYB(155, 107, 118) contains.

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Color

R_YB(155, 107, 118)

Conversions

Conversions Part 1

Format	Color
Hex	9B6B76
RGB	155, 107, 118
RGB Percent	61%, 42%, 46%
CMY	0.3922, 0.5804, 0.5373
CMYK	0.00, 0.31, 0.24, 0.39
HSL	346°, 19%, 51%
HSV	346°, 31%, 61%
XYZ	22.0453, 18.7920, 19.6048
YIQ	122.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

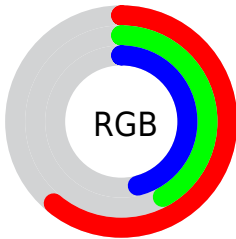
Format	Color
R _Y B	155, 107, 118
Decimal	10185590
CIE Lab	50.44, 20.81, 1.62
CIE LCh	50, 20.877, 4.454
Yxy	18.7920, 0.3647, 0.3109
Android (android.graphics.Color)	4288375670 (0xFF9B6B76)
YUV	122.6060, -2.2708, 28.4095
Hunter-Lab	43.3497, 14.9134, 3.5310

Details

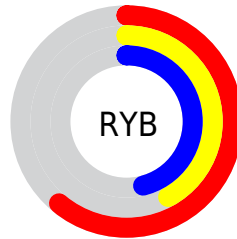
The RYB color **155, 107, 118** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 134, 155**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **210, 159, 170**, and **103, 59, 70** is the 20% darker color. If you saturate the color by 10%, you get **155, 92, 106**, and if you desaturate by 10%, it is **155, 123, 130**.

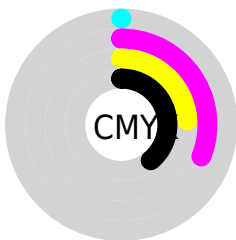
Distribution



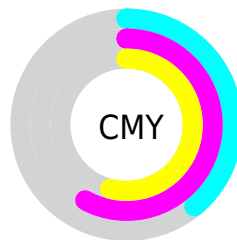
- Red (61%)
- Green (42%)
- Blue (46%)



- Red (61%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 107, 118 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 155, 107, 118 by changing the saturation by 10% instead.

 155, 107, 118

255, 255, 255

 210, 159, 170

 239, 186, 197

 255, 214, 225

 255, 242, 254

 155, 107, 118

 128, 82, 93

 103, 59, 70

 78, 36, 48

 54, 15, 27

 36, 0, 1

 0, 0, 0

 155, 107, 118

 155, 92, 106

 155, 76, 94

 155, 107, 118

 155, 123, 130

 155, 138, 142

155, 61, 82

155, 154, 154

155, 45, 70

155, 163, 169

155, 30, 58

155, 172, 185

155, 14, 46

155, 180, 200

155, 0, 36

155, 189, 216

155, 198, 231

155, 206, 246

Harmonies

Analogous

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



145, 109, 136



155, 107, 118



155, 110, 101

Triad

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



155, 107, 118



90, 125, 104



78, 107, 152

Complementary

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



155, 107, 118



107, 134, 155

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.



66, 100, 140



155, 107, 118



90, 119, 129

Square

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



155, 107, 118



98, 130, 85



73, 104, 130



101, 116, 155

Rectangle

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



155, 107, 118



150, 123, 92



73, 104, 130



72, 104, 148

Sweetspot

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



155, 107, 118



201, 183, 187



144, 107, 155



102, 91, 93



230, 230, 230



102, 102, 102

Same Dimension

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



155, 107, 118



201, 127, 144



155, 125, 107



77, 69, 71



140, 0, 32



13, 0, 3

Inverse Universe

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



155, 107, 118



201, 127, 144



107, 127, 155



77, 69, 71



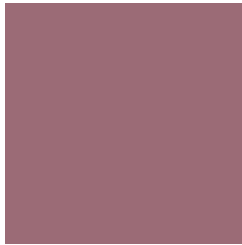
140, 0, 32



13, 0, 3

Previews

White Background



This preview shows how the RYB color 155, 107, 118 looks on a white background.

Color Contrast Check

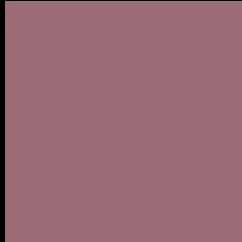
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 107, 118 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 155, 107, 118 Background



This preview shows how black text looks on a background with the RYB color 155, 107, 118.



This preview shows how white text looks on a background with the RYB color 155, 107, 118.

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
155, 107, 118

Protanopia
121, 120, 125

Deuteranopia
133, 116, 116



Tritanopia
155, 107, 116

Trichromacy



Original Color
155, 107, 118

Protanomaly
133, 115, 122

Deuteranomaly
141, 113, 117

Tritanomaly
155, 107, 117

Monochromacy



Original Color
155, 107, 118

Achromatopsia
123, 123, 123

Achromatomaly
135, 117, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 107, 118 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(155, 107, 118) looks like.

```
.text, #text, p{  
    color:rgb(155, 107, 118)  
}
```

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(155, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 107, 118) }
```

Border

The CSS property to change the border of an element to RYB 155, 107, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

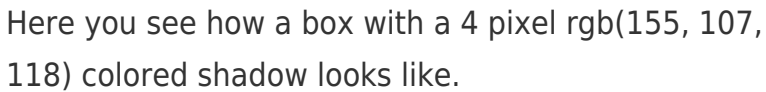
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 107, 118) }
```

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

```
.border{ border-color:rgb(155, 107, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 107, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 107, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 107, 118); box-shadow:4px 4px 4px 4px rgb(155, 107, 118) }
```

Background

The CSS property to change the background color of an element to RYB 155, 107, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 107, 118) }
```

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

```
.background{ background-color: rgb(155,  
107, 118) }
```

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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