

Converting Colors

`RYB(153, 118, 119)`

Have a look what the booklet for
RYB(153, 118, 119) contains.

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Color

R_YB(153, 118, 119)

Conversions

Conversions Part 1

Format	Color
Hex	997677
RGB	153, 118, 119
RGB Percent	60%, 46%, 47%
CMY	0.4000, 0.5373, 0.5333
CMYK	0.00, 0.23, 0.22, 0.40
HSL	358°, 15%, 53%
HSV	358°, 23%, 60%
XYZ	22.9451, 21.0611, 20.3086
YIQ	128.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

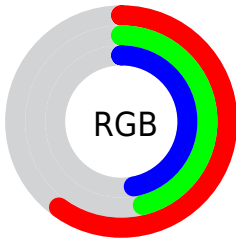
Format	Color
R_{YB}	153, 118, 119
Decimal	10057335
CIE Lab	53.02, 13.85, 4.72
CIE LCh	53, 14.629, 18.833
Yxy	21.0611, 0.3568, 0.3275
Android (android.graphics.Color)	4288247415 (0xFF997677)
YUV	128.5790, -4.7224, 21.4172
Hunter-Lab	45.8924, 8.9341, 5.8872

Details

The RYB color **153, 118, 119** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118, 136, 153**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **208, 170, 171**, and **101, 69, 71** is the 20% darker color. If you saturate the color by 10%, you get **153, 103, 104**, and if you desaturate by 10%, it is **153, 133, 134**.

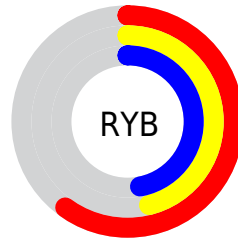
Distribution



Red (60%)

Green (46%)

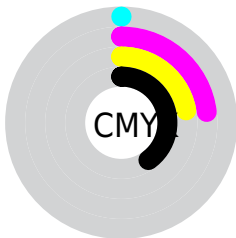
Blue (47%)



Red (60%)

Yellow (46%)

Blue (47%)

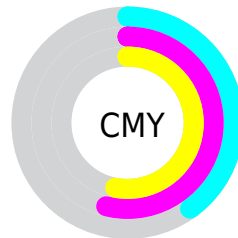


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 118, 119 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 153, 118, 119 by changing the saturation by 10% instead.

 153, 118, 119

255, 255, 255

 208, 170, 171

 236, 198, 198


 255, 226, 226

255, 254, 255


 153, 118, 119

 153, 103, 104


 153, 87, 89

 153, 118, 119

 127, 93, 94

 101, 69, 71


 77, 47, 48


 53, 26, 28

 34, 0, 0

 0, 0, 0

 153, 118, 119


 153, 133, 134

 153, 149, 149

 153, 72, 74

 153, 159, 164

 153, 57, 60

 153, 166, 179

 153, 42, 45

 153, 175, 195

 153, 26, 30

 153, 182, 210

 153, 11, 15

 153, 190, 225

 153, 0, 4

 153, 197, 240

 153, 205, 255

Harmonies

Analogous

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



149, 118, 132



153, 118, 119



150, 125, 108

Triad

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



153, 118, 119



110, 132, 128



107, 122, 151

Complementary

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



153, 118, 119



118, 136, 153

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.



95, 116, 145



153, 118, 119



101, 122, 134

Square

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



153, 118, 119



103, 128, 103



93, 114, 134



123, 125, 150

Rectangle

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



153, 118, 119



144, 142, 103



93, 114, 134



102, 120, 150

Sweetspot

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



153, 118, 119



199, 185, 185



152, 118, 153



99, 91, 92



227, 227, 227



99, 99, 99

Same Dimension

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



153, 118, 119



199, 145, 147



153, 147, 118



77, 69, 69



140, 0, 4



13, 0, 0

Inverse Universe

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



153, 118, 119



199, 145, 147



118, 130, 153



77, 69, 69



140, 0, 4



13, 0, 0

Previews

White Background



This preview shows how the RYB color 153, 118, 119 looks on a white background.

Color Contrast Check

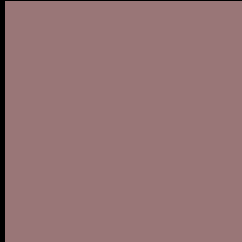
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 118, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

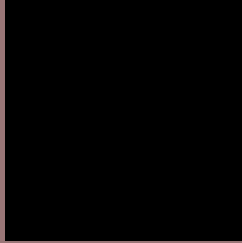
Any Text WCAG AA ✓ Pass

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 153, 118, 119 Background



This preview shows how black text looks on a background with the RYB color 153, 118, 119.



This preview shows how white text looks on a background with the RYB color 153, 118, 119.

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
[153](#), [118](#), [119](#)

Protanopia
[130](#), [127](#), [124](#)

Deuteranopia
[142](#), [123](#), [118](#)



Tritanopia
154, 117, 126

Trichromacy



Original Color

153, 118, 119

Protanomaly

138, 123, 122

Deuteranomaly

146, 121, 118

Tritanomaly

154, 117, 123

Monochromacy



Original Color

153, 118, 119

Achromatopsia

129, 129, 129

Achromatomaly

138, 125, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 118, 119 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(153, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(153, 118, 119)  
}
```

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(153, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 118, 119) }
```

Border

The CSS property to change the border of an element to RYB 153, 118, 119 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(153, 118, 119) }
```

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

```
.border{ border-color:rgb(153, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(153, 118,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 153, 118, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 118, 119) }
```

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

```
.background{ background-color: rgb(153,  
118, 119) }
```

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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