

Converting Colors

`RYB(118, 154, 119)`

Have a look what the booklet for RYB(118, 154, 119) contains.

RYB(118, 154, 119)	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(118, 154, 119)

Conversions

Conversions Part 1

Format	Color
Hex	999A76
RGB	153, 154, 118
RGB Percent	60%, 60%, 46%
CMY	0.4000, 0.3961, 0.5373
CMYK	0.01, 0.00, 0.23, 0.40
HSL	62°, 15%, 53%
HSV	62°, 23%, 60%
XYZ	27.9625, 31.1915, 21.6863
YIQ	149.5970, 10.9600, -11.4080

Conversions

Conversions Part 2

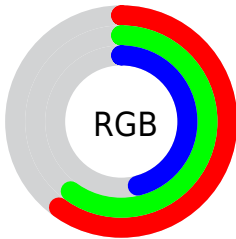
Format	Color
RYB	118, 154, 119
Decimal	10066550
CIELab	62.67, -6.55, 18.84
CIElCh	63, 19.942, 109.164
Yxy	31.1915, 0.3459, 0.3858
Android (android.graphics.Color)	4288256630 (0xFF999A76)
YUV	149.5970, -15.5773, 2.9844
Hunter-Lab	55.8494, -8.3656, 16.0722

Details

The RYB color **118, 154, 119** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119, 118, 154**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **170, 208, 170**, and **69, 103, 70** is the 20% darker color. If you saturate the color by 10%, you get **103, 154, 104**, and if you desaturate by 10%, it is **133, 154, 134**.

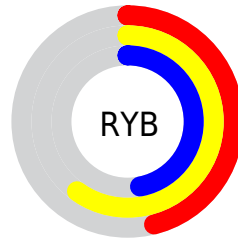
Distribution



Red (60%)

Green (60%)

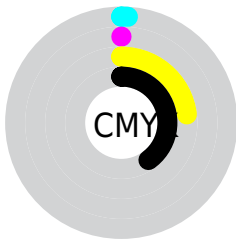
Blue (46%)



Red (46%)

Yellow (60%)

Blue (47%)

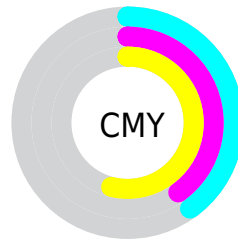


Cyan (1%)

Magenta (0%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 154, 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 118, 154, 119 by changing the saturation by 10% instead.

 118, 154, 119

255, 255, 255

 170, 208, 170


 198, 237, 199

 226, 255, 226

254, 255, 254

 118, 154, 119

 103, 154, 104

 118, 154, 119

 93, 128, 94

 69, 103, 70


 47, 79, 49

 25, 56, 27

 0, 35, 2

 0, 14, 14

 0, 0, 0

 118, 154, 119

 133, 154, 134

87, 154, 89

149, 154, 149

72, 154, 74

154, 154, 164

56, 154, 59

155, 154, 180

41, 154, 44

155, 154, 195

26, 154, 30

156, 154, 210

10, 154, 14

156, 154, 226

0, 154, 4

156, 154, 241

157, 154, 255

Harmonies

Analogous

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



157, 171, 117



118, 154, 119



128, 159, 154

Triad

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



118, 154, 119



105, 136, 178



183, 140, 159

Complementary

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



118, 154, 119



119, 118, 154

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.



168, 143, 175



118, 154, 119



122, 144, 186

Square

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



118, 154, 119



103, 133, 163



146, 149, 185



188, 139, 141

Rectangle

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



118, 154, 119



120, 148, 161



146, 149, 185



179, 140, 165

Sweetspot

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



118, 154, 119



187, 201, 187



154, 119, 118



94, 102, 94



230, 230, 230



102, 102, 102

Same Dimension

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



118, 154, 119



145, 201, 146



118, 154, 137



69, 77, 70



0, 140, 4



0, 13, 1

Inverse Universe

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



119, 118, 154



147, 145, 201



137, 118, 154



69, 69, 77



4, 0, 140



0, 0, 13

Previews

White Background



This preview shows how the RYB color 118, 154, 119 looks on a white background.

Color Contrast Check

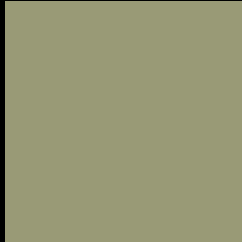
Large Text (above 18pt) WCAG AA × Fail

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 118, 154, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

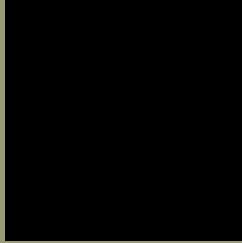
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

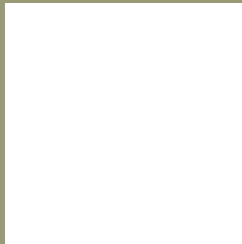
Any Text WCAG AAA ✓ Pass

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

RYB 118, 154, 119 Background



This preview shows how black text looks on a background with the RYB color 118, 154, 119.



This preview shows how white text looks on a background with the RYB color 118, 154, 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
118, 154, 119

Protanopia
132, 162, 117

Deuteranopia
177, 165, 120



Tritanopia
158, 148, 160

Trichromacy



Original Color

118, 154, 119

Protanomaly

125, 159, 117

Deuteranomaly

153, 168, 119

Tritanomaly

156, 154, 145

Monochromacy



Original Color

118, 154, 119

Achromatopsia

150, 150, 150

Achromatomaly

138, 151, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 154, 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, 154, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 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(153, 154, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 154, 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, 154, 118) }
```

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

```
.border{ border-color:rgb(153, 154, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 154, 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, 154, 118) }
```

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

```
.background{ background-color: rgb(153,  
154, 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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