

Converting Colors

`RYB(119, 159, 118)`

Have a look what the booklet for
RYB(119, 159, 118) contains.

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Color

R_YB(119, 159, 118)

Conversions

Conversions Part 1

Format	Color
Hex	9F9E76
RGB	159, 158, 118
RGB Percent	62%, 62%, 46%
CMY	0.3765, 0.3803, 0.5373
CMYK	0.00, 0.01, 0.26, 0.38
HSL	59°, 18%, 54%
HSV	59°, 26%, 62%
XYZ	29.7990, 33.1408, 21.9658
YIQ	153.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

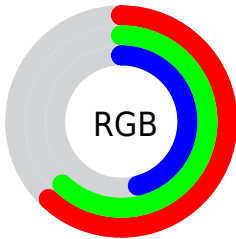
Format	Color
RYB	119, 159, 118
Decimal	10460790
CIELab	64.27, -6.34, 21.11
CIELCh	64, 22.038, 106.723
Yxy	33.1408, 0.3510, 0.3903
Android (android.graphics.Color)	4288650870 (0xFF9F9E76)
YUV	153.7390, -17.6193, 4.6139
Hunter-Lab	57.5680, -8.3469, 17.6748

Details

The RYB color **119, 159, 118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118, 119, 159**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **171, 214, 170**, and **69, 107, 69** is the 20% darker color. If you saturate the color by 10%, you get **103, 159, 102**, and if you desaturate by 10%, it is **135, 159, 134**.

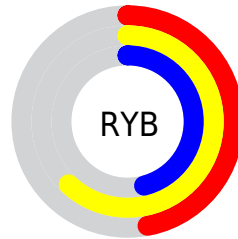
Distribution



Red (62%)

Green (62%)

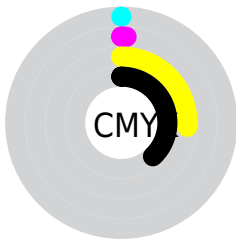
Blue (46%)



Red (47%)

Yellow (62%)

Blue (46%)

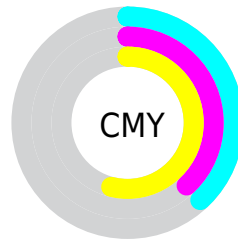


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 159, 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 119, 159, 118 by changing the saturation by 10% instead.

■ 119, 159, 118

255, 255, 255

■ 171, 214, 170

■ 200, 243, 198

■ 226, 255, 226

■ 119, 159, 118

■ 94, 133, 93

■ 69, 107, 69

■ 47, 83, 48

■ 25, 60, 26

■ 0, 38, 1

■ 0, 18, 10

■ 0, 0, 0

■ 119, 159, 118

■ 103, 159, 102

■ 119, 159, 118

■ 135, 159, 134

■ 88, 159, 86

■ 150, 159, 150

■ 72, 159, 70

■ 159, 159, 166

■ 56, 159, 54

■ 159, 160, 182

■ 42, 159, 39

■ 159, 160, 198

■ 26, 159, 23

■ 159, 160, 213

■ 11, 159, 7

■ 159, 161, 229

■ 4, 159, 0

■ 159, 161, 245

■ 159, 161, 255

Harmonies

Analogous

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



166, 179, 118



119, 159, 118



128, 163, 154

Triad

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



119, 159, 118



102, 138, 184



190, 143, 165

Complementary

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



119, 159, 118



118, 119, 159

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.



172, 147, 183



119, 159, 118



121, 146, 194

Square

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



119, 159, 118



101, 134, 167



147, 153, 193



196, 142, 145

Rectangle

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



119, 159, 118



122, 153, 166



147, 153, 193



185, 144, 172

Sweetspot

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



119, 159, 118



191, 207, 190



159, 118, 119



95, 105, 94



232, 232, 232



105, 105, 105

Same Dimension

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



119, 159, 118



145, 207, 143



118, 159, 137



71, 79, 71



4, 143, 0



0, 15, 0

Inverse Universe

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



118, 119, 159



143, 144, 207



137, 118, 159



71, 71, 79



0, 3, 143



0, 0, 15

Previews

White Background



This preview shows how the RYB color 119, 159, 118 looks on a white background.

Color Contrast Check

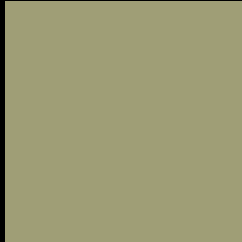
Large Text (above 18pt) WCAG AA × Fail

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 119, 159, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

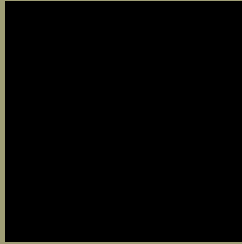
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

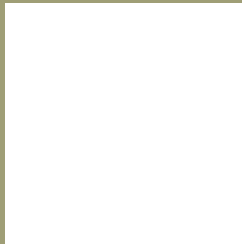
Any Text WCAG AAA ✓ Pass

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

RYP 119, 159, 118 Background



This preview shows how black text looks on a background with the RYB color 119, 159, 118.



This preview shows how white text looks on a background with the RYB color 119, 159, 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
119, 159, 118

Protanopia
131, 167, 117

Deuteranopia
183, 174, 120



Tritanopia
165, 152, 164

Trichromacy



Original Color
119, 159, 118

Protanomaly
125, 164, 117

Deuteranomaly
156, 174, 119

Tritanomaly
163, 159, 147

Monochromacy



Original Color
119, 159, 118

Achromatopsia
154, 154, 154

Achromatomaly
142, 156, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 159, 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(159, 158, 118)` looks like.

```
.text, #text, p{  
    color:rgb(159, 158, 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(159, 158, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 158, 118) }
```

Border

The CSS property to change the border of an element to RYB 119, 159, 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(159, 158, 118) }
```

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

```
.border{ border-color:rgb(159, 158, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 158, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 158, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 158, 118);  
box-shadow:4px 4px 4px 4px rgb(159, 158,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 119, 159, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 158, 118) }
```

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

```
.background{ background-color: rgb(159,  
158, 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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