

Converting Colors

`RYB(154, 118, 122)`

Have a look what the booklet for
RYB(154, 118, 122) contains.

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Color

R_YB(154, 118, 122)

Conversions

Conversions Part 1

Format	Color
Hex	9A767A
RGB	154, 118, 122
RGB Percent	60%, 46%, 48%
CMY	0.3961, 0.5373, 0.5216
CMYK	0.00, 0.23, 0.21, 0.40
HSL	353°, 15%, 53%
HSV	353°, 23%, 60%
XYZ	23.3177, 21.2320, 21.2816
YIQ	129.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

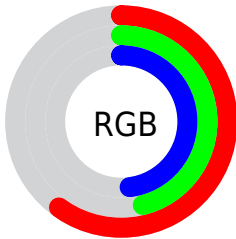
Format	Color
RYB	154, 118, 122
Decimal	10122874
CIELab	53.20, 14.72, 3.25
CIElCh	53, 15.073, 12.440
Yxy	21.2320, 0.3542, 0.3225
Android (android.graphics.Color)	4288312954 (0xFF9A767A)
YUV	129.2200, -3.5595, 21.7321
Hunter-Lab	46.0782, 9.6923, 4.8712

Details

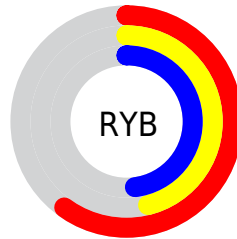
The RYB color **154, 118, 122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118, 137, 154**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **209, 170, 174**, and **102, 69, 73** is the 20% darker color. If you saturate the color by 10%, you get **154, 103, 108**, and if you desaturate by 10%, it is **154, 133, 136**.

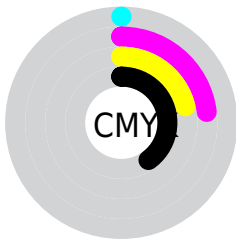
Distribution



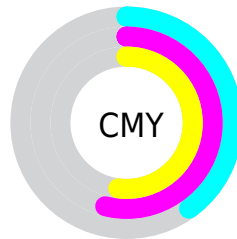
- Red (60%)
- Green (46%)
- Blue (48%)



- Red (60%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (40%)




- Cyan (40%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 118, 122 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 154, 118, 122 by changing the saturation by 10% instead.

 154, 118, 122


255, 255, 255


 209, 170, 174

 237, 198, 202


 255, 226, 230

255, 254, 255

 154, 118, 122

 154, 103, 108

 154, 87, 95

 154, 118, 122

 128, 93, 97

 102, 69, 73


 78, 47, 51


 54, 26, 30

 34, 0, 4

 0, 0, 0

 154, 118, 122

 154, 133, 136

 154, 149, 149

154, 72, 81

154, 159, 164

154, 56, 67

154, 168, 180

154, 41, 54

154, 176, 195

154, 26, 40

154, 184, 210

154, 10, 26

154, 192, 226

154, 0, 17

154, 200, 241

154, 207, 255

Harmonies

Analogous

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



148, 119, 135



154, 118, 122



152, 123, 110

Triad

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



154, 118, 122



108, 132, 123



103, 120, 151

Complementary

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



154, 118, 122



118, 137, 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.



93, 115, 144



154, 118, 122



103, 123, 134

Square

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



154, 118, 122



105, 131, 102



93, 115, 135



119, 125, 152

Rectangle

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



154, 118, 122



147, 135, 104



93, 115, 135



99, 119, 150

Sweetspot

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



154, 118, 122



201, 187, 189



150, 118, 154



102, 94, 95



230, 230, 230



102, 102, 102

Same Dimension

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



154, 118, 122



201, 145, 151



154, 141, 118



77, 69, 70



140, 0, 16



13, 0, 1

Inverse Universe

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



154, 118, 122



201, 145, 151



118, 132, 154



77, 69, 70



140, 0, 16



13, 0, 1

Previews

White Background



This preview shows how the RYB color 154, 118, 122 looks on a white background.

Color Contrast Check

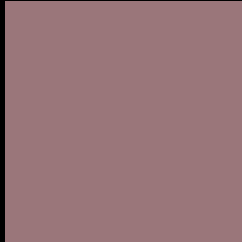
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 118, 122 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 154, 118, 122 Background



This preview shows how black text looks on a background with the RYB color 154, 118, 122.



This preview shows how white text looks on a background with the RYB color 154, 118, 122.

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

[154](#), [118](#), [122](#)

Protanopia

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

Deuteranopia

[142](#), [123](#), [121](#)



Tritanopia
155, 117, 126

Trichromacy



Original Color

154, 118, 122

Protanomaly

139, 124, 125

Deuteranomaly

146, 121, 121

Tritanomaly

155, 117, 125

Monochromacy



Original Color

154, 118, 122

Achromatopsia

129, 129, 129

Achromatomaly

138, 125, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 118, 122 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(154, 118, 122) looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 122)  
}
```

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(154, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 122) }
```

Border

The CSS property to change the border of an element to RYB 154, 118, 122 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(154, 118, 122) }
```

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

```
.border{ border-color:rgb(154, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 154, 118, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 122) }
```

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

```
.background{ background-color: rgb(154,  
118, 122) }
```

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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