

Converting Colors

`RYB(118, 162, 125)`

Have a look what the booklet for
RYB(118, 162, 125) contains.

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Color

R_YB(118, 162, 125)

Conversions

Conversions Part 1

Format	Color
Hex	9BA276
RGB	155, 162, 118
RGB Percent	61%, 64%, 46%
CMY	0.3922, 0.3647, 0.5373
CMYK	0.04, 0.00, 0.27, 0.36
HSL	70°, 19%, 55%
HSV	70°, 27%, 64%
XYZ	29.7079, 34.1172, 22.1590
YIQ	154.8910, 9.9520, -15.1680

Conversions

Conversions Part 2

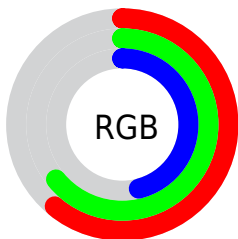
Format	Color
RYB	118, 162, 125
Decimal	10199670
CIELab	65.06, -10.05, 22.11
CIELCh	65, 24.288, 114.451
Yxy	34.1172, 0.3455, 0.3968
Android (android.graphics.Color)	4288389750 (0xFF9BA276)
YUV	154.8910, -18.1873, 0.0956
Hunter-Lab	58.4100, -11.4305, 18.3941

Details

The RYB color **118, 162, 125** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **125, 118, 162**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **170, 217, 177**, and **69, 110, 76** is the 20% darker color. If you saturate the color by 10%, you get **102, 162, 112**, and if you desaturate by 10%, it is **134, 162, 138**.

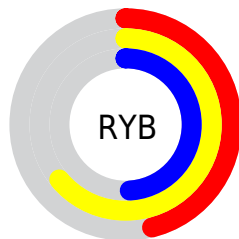
Distribution



Red (61%)

Green (64%)

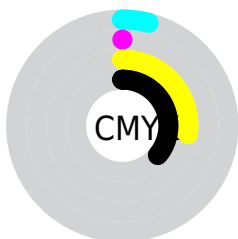
Blue (46%)



Red (46%)

Yellow (64%)

Blue (49%)

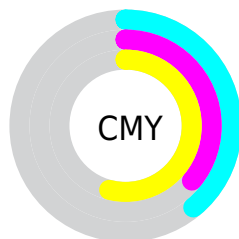


Cyan (4%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 162, 125 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, 162, 125 by changing the saturation by 10% instead.


 118, 162, 125


255, 255, 255

 170, 217, 177

 198, 245, 205

 226, 255, 226

 118, 162, 125

 93, 136, 100

 69, 110, 76

 46, 86, 53

 25, 63, 33


 0, 41, 7


 0, 21, 19

 0, 0, 0

 118, 162, 125

 102, 162, 112

 118, 162, 125

 134, 162, 138

86, 162, 98

150, 162, 152

69, 162, 84

163, 162, 167

53, 162, 70

165, 162, 183

37, 162, 57

168, 162, 199

21, 162, 43

170, 162, 215

5, 162, 30

173, 162, 231

0, 162, 26

176, 162, 248

178, 162, 255

Harmonies

Analogous

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



151, 178, 115



118, 162, 125



130, 165, 167

Triad

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



118, 162, 125



100, 139, 193



198, 142, 163

Complementary

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



118, 162, 125



125, 118, 162

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.



182, 147, 183



118, 162, 125



125, 149, 201

Square

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



118, 162, 125



94, 133, 175



156, 154, 197



202, 143, 141

Rectangle

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



118, 162, 125



114, 149, 169



156, 154, 197



194, 143, 170

Sweetspot

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



118, 162, 125



195, 212, 198



162, 126, 118



96, 107, 98



235, 235, 235



107, 107, 107

Same Dimension

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



118, 162, 125



142, 212, 153



118, 162, 147



73, 82, 75



0, 145, 23



0, 18, 3

Inverse Universe

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



125, 118, 162



153, 142, 212



147, 118, 162



75, 73, 82



23, 0, 145



3, 0, 18

Previews

White Background



This preview shows how the RYB color 118, 162, 125 looks on a white background.

Color Contrast Check

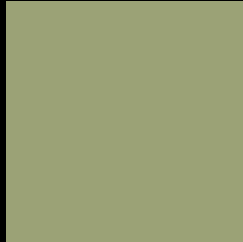
Large Text (above 18pt) WCAG AA × Fail

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, 162, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

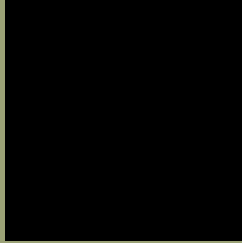
Any Text WCAG AA ✓ Pass

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, 162, 125 Background



This preview shows how black text looks on a background with the RYB color 118, 162, 125.



This preview shows how white text looks on a background with the RYB color 118, 162, 125.

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, 162, 125

Protanopia
130, 169, 116

Deuteranopia
185, 179, 120



Tritanopia
162, 156, 168

Trichromacy



Original Color

118, 162, 125

Protanomaly

123, 164, 117

Deuteranomaly

148, 174, 119

Tritanomaly

151, 159, 150

Monochromacy



Original Color

118, 162, 125

Achromatopsia

155, 155, 155

Achromatomaly

142, 158, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 162, 125 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, 162, 118)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 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, 162, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 162, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

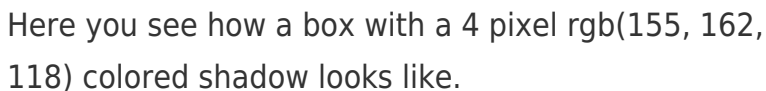
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 162, 118) }
```

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

```
.border{ border-color:rgb(155, 162, 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, 162, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 118);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 162, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 118) }
```

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

```
.background{ background-color: rgb(155,  
162, 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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