

Converting Colors

`RYB(119, 166, 125)`

Have a look what the booklet for
RYB(119, 166, 125) contains.

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Color

R_YB(119, 166, 125)

Conversions

Conversions Part 1

Format	Color
Hex	A0A677
RGB	160, 166, 119
RGB Percent	63%, 65%, 47%
CMY	0.3725, 0.3490, 0.5333
CMYK	0.04, 0.00, 0.28, 0.35
HSL	68°, 21%, 56%
HSV	68°, 28%, 65%
XYZ	31.4632, 36.0779, 22.7582
YIQ	158.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

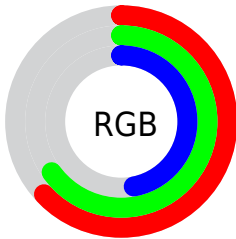
Format	Color
RYB	119, 166, 125
Decimal	10528375
CIELab	66.58, -10.07, 23.69
CIELCh	67, 25.736, 113.025
Yxy	36.0779, 0.3484, 0.3995
Android (android.graphics.Color)	4288718455 (0xFFA0A677)
YUV	158.8480, -19.6451, 1.0103
Hunter-Lab	60.0649, -11.6117, 19.5808

Details

The RYB color **119, 166, 125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125, 119, 166**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **172, 221, 178**, and **70, 114, 76** is the 20% darker color. If you saturate the color by 10%, you get **102, 166, 110**, and if you desaturate by 10%, it is **136, 166, 140**.

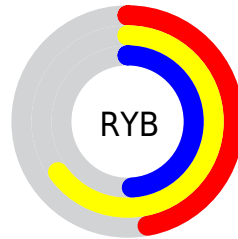
Distribution



Red (63%)

Green (65%)

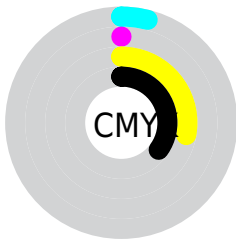
Blue (47%)



Red (47%)

Yellow (65%)

Blue (49%)

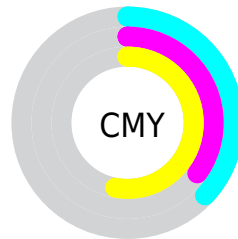


Cyan (4%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 166, 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 119, 166, 125 by changing the saturation by 10% instead.

 119, 166, 125


255, 255, 255


 172, 221, 178

 199, 250, 205

 227, 255, 227

 119, 166, 125

 94, 140, 100

 70, 114, 76

 47, 90, 54

 25, 66, 32


 0, 44, 7


 0, 24, 13

 0, 0, 0

 119, 166, 125

 102, 166, 110

 119, 166, 125

 136, 166, 140

■ 86, 166, 96

■ 152, 166, 154

■ 69, 166, 81

■ 166, 166, 169

■ 53, 166, 67

■ 168, 166, 185

■ 36, 166, 53

■ 171, 166, 202

■ 19, 166, 38

■ 173, 166, 219

■ 3, 166, 24

■ 175, 166, 235

■ 0, 166, 21

■ 177, 166, 252

■ 179, 166, 255

Harmonies

Analogous

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



156, 184, 116



119, 166, 125



133, 172, 172

Triad

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



119, 166, 125



99, 141, 198



204, 145, 168

Complementary

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



119, 166, 125



125, 119, 166

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.



186, 150, 190



119, 166, 125



125, 152, 207

Square

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



119, 166, 125



93, 135, 179



158, 158, 204



209, 146, 145

Rectangle

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



119, 166, 125



116, 153, 174



158, 158, 204



200, 147, 176

Sweetspot

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



119, 166, 125



199, 217, 201



166, 125, 119



99, 110, 101



237, 237, 237



110, 110, 110

Same Dimension

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



119, 166, 125



143, 217, 153



119, 166, 148



76, 84, 77



0, 148, 19



0, 20, 2

Inverse Universe

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



125, 119, 166



152, 143, 217



148, 119, 166



77, 76, 84



19, 0, 148



3, 0, 20

Previews

White Background



This preview shows how the RYB color 119, 166, 125 looks on a white background.

Color Contrast Check

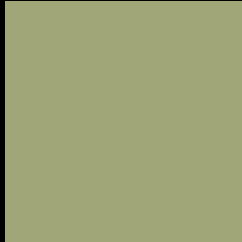
Large Text (above 18pt) WCAG AA × Fail

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 119, 166, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

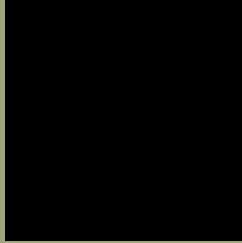
Any Text WCAG AA ✓ Pass

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 119, 166, 125 Background



This preview shows how black text looks on a background with the RYB color 119, 166, 125.



This preview shows how white text looks on a background with the RYB color 119, 166, 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
119, 166, 125

Protanopia
132, 174, 117

Deuteranopia
191, 187, 121



Tritanopia
167, 159, 172

Trichromacy



Original Color

119, 166, 125

Protanomaly

125, 169, 118

Deuteranomaly

152, 180, 120

Tritanomaly

155, 164, 153

Monochromacy



Original Color

119, 166, 125

Achromatopsia

159, 159, 159

Achromatomaly

144, 162, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 166, 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(160, 166, 119)` looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 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(160, 166, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 166, 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(160, 166, 119) }
```

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

```
.border{ border-color:rgb(160, 166, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 119);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 166, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 119) }
```

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

```
.background{ background-color: rgb(160,  
166, 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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