

Converting Colors

`RYB(102, 167, 119)`

Have a look what the booklet for
RYB(102, 167, 119) contains.

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Color

R_YB(102, 167, 119)

Conversions

Conversions Part 1

Format	Color
Hex	96A766
RGB	150, 167, 102
RGB Percent	59%, 65%, 40%
CMY	0.4118, 0.3451, 0.6000
CMYK	0.10, 0.00, 0.39, 0.35
HSL	76°, 27%, 53%
HSV	76°, 39%, 65%
XYZ	28.7947, 35.0808, 17.8240
YIQ	154.5070, 10.7330, -23.8190

Conversions

Conversions Part 2

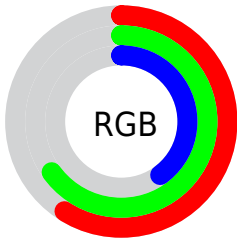
Format	Color
RYB	102, 167, 119
Decimal	9873254
CIELab	65.81, -16.83, 31.65
CIElCh	66, 35.842, 117.997
Yxy	35.0808, 0.3524, 0.4294
Android (android.graphics.Color)	4288063334 (0xFF96A766)
YUV	154.5070, -25.8860, -3.9526
Hunter-Lab	59.2290, -16.8716, 23.6180

Details

The RYB color **102, 167, 119** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119, 102, 167**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **154, 222, 171**, and **53, 115, 70** is the 20% darker color. If you saturate the color by 10%, you get **85, 167, 106**, and if you desaturate by 10%, it is **119, 167, 132**.

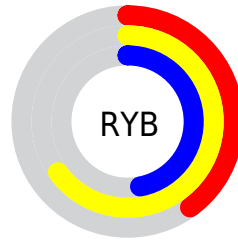
Distribution



Red (59%)

Green (65%)

Blue (40%)



Red (40%)

Yellow (65%)

Blue (47%)

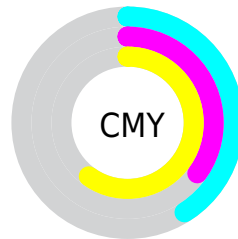


Cyan (10%)

Magenta (0%)

Yellow (39%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 102, 167, 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 102, 167, 119 by changing the saturation by 10% instead.

■ 102, 167, 119

255, 255, 255

■ 154, 222, 171

■ 181, 251, 198

■ 209, 255, 209

■ 237, 255, 237

■ 102, 167, 119

■ 77, 141, 94

■ 53, 115, 70

■ 30, 90, 47

■ 6, 67, 24

■ 0, 45, 18

■ 0, 26, 26

■ 0, 0, 0

■ 102, 167, 119

■ 85, 167, 106

■ 102, 167, 119

■ 119, 167, 132

■ 69, 167, 95

■ 135, 167, 143

■ 52, 167, 82

■ 152, 167, 156

■ 35, 167, 69

■ 167, 167, 169

■ 19, 167, 58

■ 172, 167, 185

■ 2, 167, 45

■ 176, 167, 202

■ 0, 167, 44

■ 181, 167, 219

■ 185, 167, 236

■ 189, 167, 252

Harmonies

Analogous

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



132, 183, 95



102, 167, 119



112, 163, 174

Triad

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



102, 167, 119



52, 121, 214



219, 135, 163

Complementary

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



102, 167, 119



119, 102, 167

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.



198, 141, 194



102, 167, 119



109, 146, 224

Square

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



102, 167, 119



23, 103, 189



160, 152, 217



222, 137, 131

Rectangle

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



102, 167, 119



84, 139, 176



160, 152, 217



214, 136, 174

Sweetspot

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



102, 167, 119



191, 217, 198



167, 123, 102



94, 110, 98



237, 237, 237



110, 110, 110

Same Dimension

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



102, 167, 119



115, 217, 142



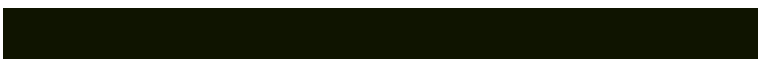
102, 167, 151



76, 84, 78



0, 148, 39



0, 20, 5

Inverse Universe

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



119, 102, 167



142, 115, 217



151, 102, 167



78, 76, 84



39, 0, 148



5, 0, 20

Previews

White Background



This preview shows how the RYB color 102, 167, 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 102, 167, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

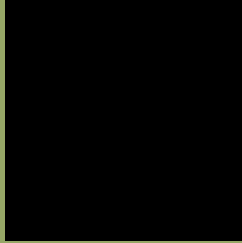
Any Text WCAG AA ✓ Pass

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 102, 167, 119 Background



This preview shows how black text looks on a background with the RYB color 102, 167, 119.

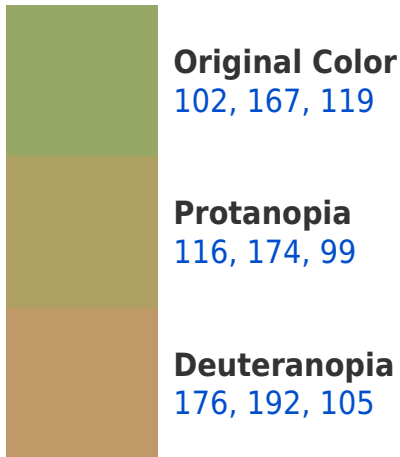


This preview shows how white text looks on a background with the RYB color 102, 167, 119.

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





Tritanopia
159, 159, 171

Trichromacy



Original Color
102, 167, 119

Protanomaly
102, 165, 100

Deuteranomaly
130, 177, 104

Tritanomaly
146, 162, 152

Monochromacy



Original Color
102, 167, 119

Achromatopsia
155, 155, 155

Achromatomaly
136, 159, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 102, 167, 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(150, 167, 102)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 102)  
}
```

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(150, 167, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 102) }
```

Border

The CSS property to change the border of an element to RYB 102, 167, 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(150, 167, 102) }
```

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

```
.border{ border-color:rgb(150, 167, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 102);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 102, 167, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 102) }
```

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

```
.background{ background-color: rgb(150,  
167, 102) }
```

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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