

Converting Colors

`RYB(97, 155, 120)`

Have a look what the booklet for
RYB(97, 155, 120) contains.

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Color

R_YB(97, 155, 120)

Conversions

Conversions Part 1

Format	Color
Hex	849B61
RGB	132, 155, 97
RGB Percent	52%, 61%, 38%
CMY	0.4824, 0.3922, 0.6196
CMYK	0.15, 0.00, 0.37, 0.39
HSL	84°, 23%, 49%
HSV	84°, 37%, 61%
XYZ	23.3947, 29.2113, 15.7146
YIQ	141.5110, 4.9100, -22.9140

Conversions

Conversions Part 2

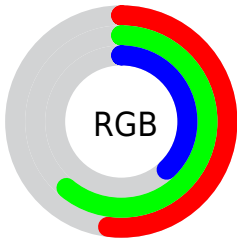
Format	Color
RYB	97, 155, 120
Decimal	8690529
CIELab	60.97, -18.41, 27.79
CIElCh	61, 33.337, 123.515
Yxy	29.2113, 0.3424, 0.4276
Android (android.graphics.Color)	4286880609 (0xFF849B61)
YUV	141.5110, -21.9439, -8.3411
Hunter-Lab	54.0475, -17.3184, 20.5944

Details

The RYB color **97, 155, 120** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **120, 97, 155**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **148, 210, 172**, and **49, 104, 72** is the 20% darker color. If you saturate the color by 10%, you get **82, 155, 111**, and if you desaturate by 10%, it is **113, 155, 130**.

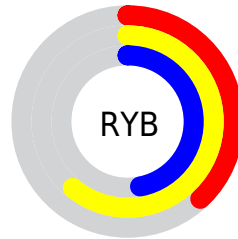
Distribution



Red (52%)

Green (61%)

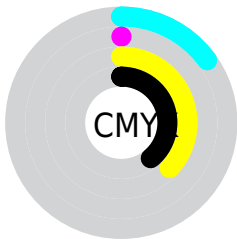
Blue (38%)



Red (38%)

Yellow (61%)

Blue (47%)

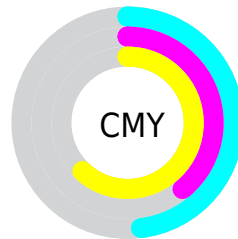


Cyan (15%)

Magenta (0%)

Yellow (37%)

Black (39%)



Cyan (48%)


Magenta (39%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 155, 120 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 97, 155, 120 by changing the saturation by 10% instead.

 97, 155, 120


255, 255, 255

 148, 210, 172

 175, 238, 199

 203, 255, 216

 231, 255, 231


 97, 155, 120

 73, 129, 96

 49, 104, 72


 27, 80, 50


 2, 57, 25


 0, 35, 23

 0, 7, 7

 0, 0, 0

 97, 155, 120

 82, 155, 111

 97, 155, 120

 113, 155, 130

■ 66, 155, 101

■ 128, 155, 139

■ 51, 155, 92

■ 144, 155, 149

■ 35, 155, 83

■ 157, 155, 159

■ 20, 155, 74

■ 163, 155, 175

■ 4, 155, 64

■ 169, 155, 190

■ 0, 155, 61

■ 175, 155, 206

■ 181, 155, 221

■ 187, 155, 236

Harmonies

Analogous

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



110, 163, 88



97, 155, 120



96, 143, 161

Triad

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



97, 155, 120



59, 117, 199



203, 124, 145

Complementary

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



97, 155, 120



120, 97, 155

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.



187, 129, 174



97, 155, 120



110, 138, 206

Square

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



97, 155, 120



23, 97, 179



155, 138, 196



203, 129, 116

Rectangle

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



97, 155, 120



70, 123, 163



155, 138, 196



200, 125, 155

Sweetspot

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



97, 155, 120



179, 201, 187



155, 132, 97



89, 102, 94



230, 230, 230



102, 102, 102

Same Dimension

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



97, 155, 120



111, 201, 146



97, 155, 148



69, 77, 73



0, 140, 55



0, 13, 5

Inverse Universe

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



120, 97, 155



147, 111, 201



148, 97, 155



72, 69, 77



56, 0, 140



5, 0, 13

Previews

White Background



This preview shows how the RYB color 97, 155, 120 looks on a white background.

Color Contrast Check

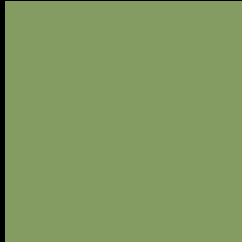
Large Text (above 18pt) WCAG AA ✓ Pass

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 97, 155, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

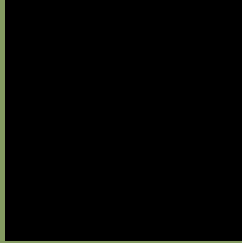
Any Text WCAG AA ✓ Pass

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](#).

R Y B 97, 155, 120 Background



This preview shows how black text looks on a background with the RYB color 97, 155, 120.

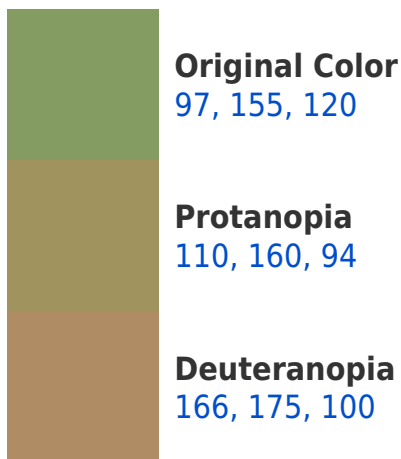


This preview shows how white text looks on a background with the RYB color 97, 155, 120.

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

141, 146, 159

Trichromacy



Original Color

97, 155, 120

Protanomaly

95, 150, 95

Deuteranomaly

117, 159, 99

Tritanomaly

136, 150, 148

Monochromacy



Original Color

97, 155, 120

Achromatopsia

142, 142, 142

Achromatomaly

126, 147, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 155, 120 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(132, 155, 97)` looks like.

```
.text, #text, p{  
    color:rgb(132, 155, 97)  
}
```

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(132, 155, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 155, 97) }
```

Border

The CSS property to change the border of an element to RYB 97, 155, 120 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(132, 155, 97) }
```

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

```
.border{ border-color:rgb(132, 155, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 155, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 155, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 155, 97);  
box-shadow:4px 4px 4px 4px rgb(132, 155,  
97) }
```

Background

The CSS property to change the background color of an element to RYB 97, 155, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 155, 97) }
```

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

```
.background{ background-color: rgb(132,  
155, 97) }
```

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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