

Converting Colors

`RYB(122, 171, 127)`

Have a look what the booklet for
RYB(122, 171, 127) contains.

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Color

R_YB(122, 171, 127)

Conversions

Conversions Part 1

Format	Color
Hex	A6AB7A
RGB	166, 171, 122
RGB Percent	65%, 67%, 48%
CMY	0.3490, 0.3294, 0.5216
CMYK	0.03, 0.00, 0.29, 0.33
HSL	66°, 23%, 57%
HSV	66°, 29%, 67%
XYZ	33.8016, 38.6380, 24.0887
YIQ	163.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

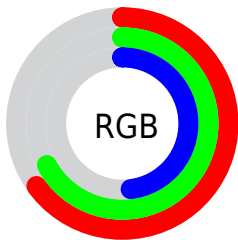
Format	Color
RYB	122, 171, 127
Decimal	10922874
CIELab	68.49, -9.93, 24.71
CIELCh	68, 26.628, 111.893
Yxy	38.6380, 0.3502, 0.4003
Android (android.graphics.Color)	4289112954 (0xFFA6AB7A)
YUV	163.9190, -20.6661, 1.8250
Hunter-Lab	62.1594, -11.7126, 20.5349

Details

The RYB color **122, 171, 127** is a light color, and the websafe version is hex **999966**. A complement of this color would be **127, 122, 171**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **175, 226, 179**, and **73, 119, 79** is the 20% darker color. If you saturate the color by 10%, you get **105, 171, 112**, and if you desaturate by 10%, it is **139, 171, 142**.

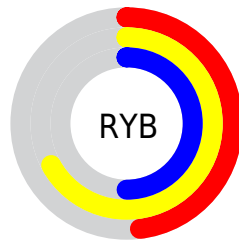
Distribution



Red (65%)

Green (67%)

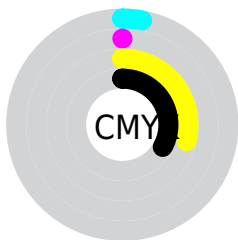
Blue (48%)



Red (48%)

Yellow (67%)

Blue (50%)

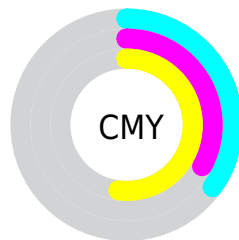


Cyan (3%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (35%)


Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 171, 127 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 122, 171, 127 by changing the saturation by 10% instead.


 122, 171, 127


255, 255, 255

 175, 226, 179

 202, 255, 207

 231, 255, 231

 122, 171, 127

 97, 145, 103

 73, 119, 79

 50, 94, 56

 27, 71, 34

 4, 48, 10

 0, 28, 9

 0, 0, 0

 122, 171, 127

 105, 171, 112

 122, 171, 127

 139, 171, 142

88, 171, 96

156, 171, 158

71, 171, 81

171, 171, 173

54, 171, 66

173, 171, 190

37, 171, 51

175, 171, 207

19, 171, 34

176, 171, 225

2, 171, 19

178, 171, 242

0, 171, 17

180, 171, 255

182, 171, 255

Harmonies

Analogous

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



166, 191, 120



122, 171, 127



137, 177, 176

Triad

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



122, 171, 127



100, 144, 204



210, 150, 175

Complementary

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



122, 171, 127



127, 122, 171

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.



192, 155, 197



122, 171, 127



128, 157, 214

Square

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



122, 171, 127



95, 138, 184



162, 163, 211



216, 150, 150

Rectangle

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



122, 171, 127



120, 159, 179



162, 163, 211



206, 151, 183

Sweetspot

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



122, 171, 127



202, 222, 204



171, 128, 122



100, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



122, 171, 127



146, 222, 154



122, 171, 151



78, 87, 79



0, 150, 15



0, 23, 2

Inverse Universe

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



127, 122, 171



154, 146, 222



151, 122, 171



79, 78, 87



15, 0, 150



2, 0, 23

Previews

White Background



This preview shows how the RYB color 122, 171, 127 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 122, 171, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

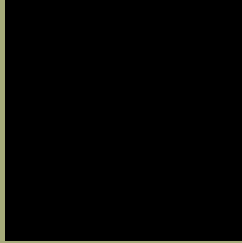
Any Text WCAG AA ✓ Pass

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 122, 171, 127 Background



This preview shows how black text looks on a background with the RYB color 122, 171, 127.

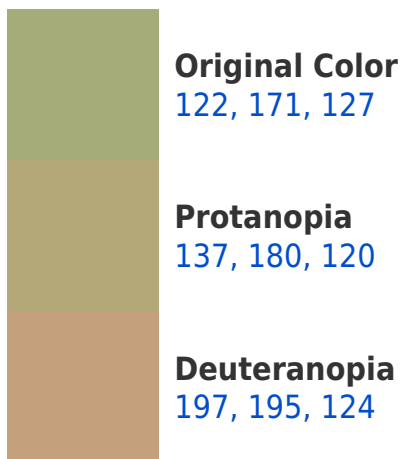


This preview shows how white text looks on a background with the RYB color 122, 171, 127.

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

173, 164, 177

Trichromacy



Original Color
122, 171, 127

Protanomaly
129, 175, 121

Deuteranomaly
157, 186, 123

Tritanomaly
161, 170, 157

Monochromacy



Original Color
122, 171, 127

Achromatopsia
164, 164, 164

Achromatomaly
149, 167, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 171, 127 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(166, 171, 122) looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 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(166, 171, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 171, 127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

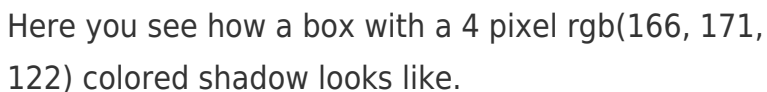
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 171, 122) }
```

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

```
.border{ border-color:rgb(166, 171, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 171, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 171, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 171, 122); box-shadow:4px 4px 4px 4px rgb(166, 171, 122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 171, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 122) }
```

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

```
.background{ background-color: rgb(166,  
171, 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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