

Converting Colors

`RYB(127, 162, 130)`

Have a look what the booklet for
RYB(127, 162, 130) contains.

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Color

R_YB(127, 162, 130)

Conversions

Conversions Part 1

Format	Color
Hex	9FA27F
RGB	159, 162, 127
RGB Percent	62%, 64%, 50%
CMY	0.3765, 0.3647, 0.5020
CMYK	0.02, 0.00, 0.22, 0.36
HSL	65°, 16%, 57%
HSV	65°, 22%, 64%
XYZ	31.0492, 34.7439, 25.1484
YIQ	157.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

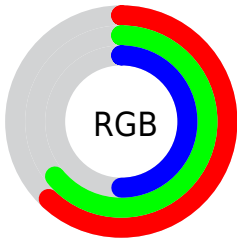
Format	Color
RYB	127, 162, 130
Decimal	10461823
CIELab	65.55, -7.15, 17.89
CIELCh	66, 19.266, 111.777
Yxy	34.7439, 0.3414, 0.3820
Android (android.graphics.Color)	4288651903 (0xFF9FA27F)
YUV	157.1130, -14.8457, 1.6549
Hunter-Lab	58.9440, -9.1257, 15.9647

Details

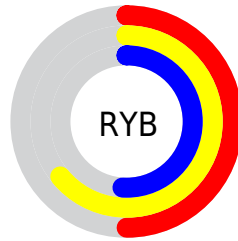
The RYB color **127, 162, 130** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **130, 127, 162**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **180, 217, 183**, and **78, 110, 81** is the 20% darker color. If you saturate the color by 10%, you get **111, 162, 115**, and if you desaturate by 10%, it is **143, 162, 145**.

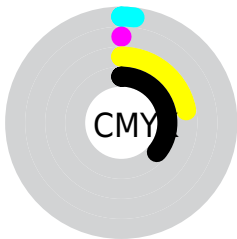
Distribution



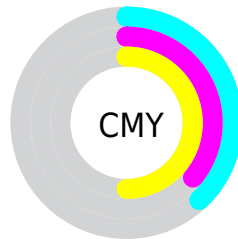
- Red (62%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)




- Cyan (38%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 162, 130 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 127, 162, 130 by changing the saturation by 10% instead.


 127, 162, 130

255, 255, 255

 180, 217, 183


 207, 245, 210

 236, 255, 236


 127, 162, 130

 102, 136, 105

 78, 110, 81


 55, 86, 58

 33, 63, 37

 11, 41, 15

 0, 21, 9

 0, 0, 0

 127, 162, 130

 111, 162, 115

 127, 162, 130

 143, 162, 145

95, 162, 101

159, 162, 159

78, 162, 85

163, 162, 176

62, 162, 71

165, 162, 192

46, 162, 56

166, 162, 208

30, 162, 41

167, 162, 224

14, 162, 27

169, 162, 240

0, 162, 14

170, 162, 255

171, 162, 255

Harmonies

Analogous

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



160, 177, 125



127, 162, 130



137, 166, 164

Triad

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



127, 162, 130



116, 146, 186



191, 147, 165

Complementary

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



127, 162, 130



130, 127, 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.



177, 151, 181



127, 162, 130



133, 153, 193

Square

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



127, 162, 130



112, 141, 171



156, 156, 191



195, 147, 147

Rectangle

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



127, 162, 130



127, 154, 168



156, 156, 191



187, 148, 170

Sweetspot

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



127, 162, 130



199, 212, 200



162, 130, 127



100, 107, 101



235, 235, 235



107, 107, 107

Same Dimension

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



127, 162, 130



157, 212, 162



127, 162, 147



73, 82, 74



0, 145, 12



0, 18, 2

Inverse Universe

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



130, 127, 162



161, 157, 212



147, 127, 162



74, 73, 82



12, 0, 145



2, 0, 18

Previews

White Background



This preview shows how the RYB color 127, 162, 130 looks on a white background.

Color Contrast Check

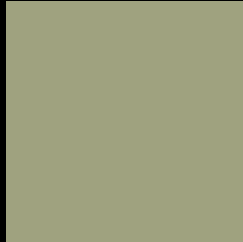
Large Text (above 18pt) WCAG AA × Fail

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 127, 162, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

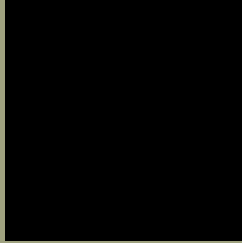
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

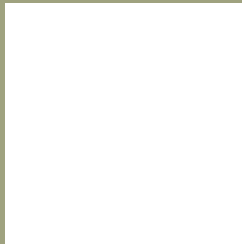
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 127, 162, 130 Background



This preview shows how black text looks on a background with the RYB color 127, 162, 130.



This preview shows how white text looks on a background with the RYB color 127, 162, 130.

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
127, 162, 130

Protanopia
139, 169, 126

Deuteranopia
185, 171, 129



Tritanopia
165, 156, 169

Trichromacy



Original Color

127, 162, 130

Protanomaly

132, 165, 126

Deuteranomaly

162, 176, 128

Tritanomaly

163, 161, 154

Monochromacy



Original Color

127, 162, 130

Achromatopsia

157, 157, 157

Achromatomaly

146, 159, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 162, 130 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(159, 162, 127) looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 127)  
}
```

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(159, 162, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 127) }
```

Border

The CSS property to change the border of an element to RYB 127, 162, 130 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(159, 162, 127) }
```

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

```
.border{ border-color:rgb(159, 162, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 127, 162, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 127) }
```

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

```
.background{ background-color: rgb(159,  
162, 127) }
```

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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