

Converting Colors

`RYB(121, 165, 130)`

Have a look what the booklet for
RYB(121, 165, 130) contains.

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Color

R_YB(121, 165, 130)

Conversions

Conversions Part 1

Format	Color
Hex	9CA579
RGB	156, 165, 121
RGB Percent	61%, 65%, 47%
CMY	0.3882, 0.3529, 0.5255
CMYK	0.05, 0.00, 0.27, 0.35
HSL	72°, 20%, 56%
HSV	72°, 27%, 65%
XYZ	30.6166, 35.3587, 23.3004
YIQ	157.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

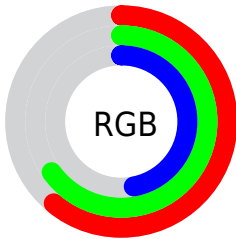
Format	Color
RYB	121, 165, 130
Decimal	10265977
CIELab	66.03, -10.82, 21.80
CIELCh	66, 24.334, 116.389
Yxy	35.3587, 0.3429, 0.3961
Android (android.graphics.Color)	4288456057 (0xFF9CA579)
YUV	157.2930, -17.8924, -1.1340
Hunter-Lab	59.4632, -12.1537, 18.3917

Details

The RYB color **121, 165, 130** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **130, 121, 165**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **174, 220, 183**, and **72, 113, 81** is the 20% darker color. If you saturate the color by 10%, you get **104, 165, 116**, and if you desaturate by 10%, it is **137, 165, 143**.

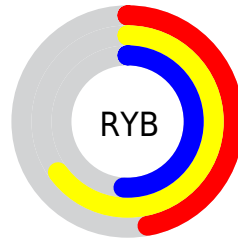
Distribution



Red (61%)

Green (65%)

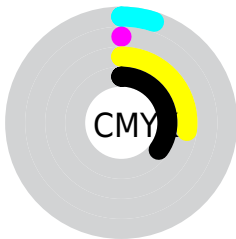
Blue (47%)



Red (47%)

Yellow (65%)

Blue (51%)

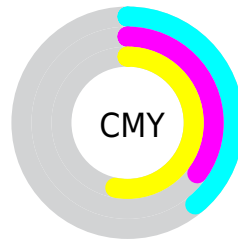


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (39%)


Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 165, 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 121, 165, 130 by changing the saturation by 10% instead.


 121, 165, 130


255, 255, 255


 174, 220, 183

 201, 249, 211

 229, 255, 229

 121, 165, 130

 96, 139, 105

 72, 113, 81

 49, 89, 58

 27, 65, 36


 3, 43, 12

 0, 24, 18


 0, 0, 0

 121, 165, 130


 104, 165, 116


 121, 165, 130

 137, 165, 143


 88, 165, 104

 154, 165, 156

 71, 165, 90


 166, 165, 170


 55, 165, 78


 170, 165, 187


 38, 165, 64


 173, 165, 203

 22, 165, 51

 176, 165, 220

 5, 165, 38

 180, 165, 236

 0, 165, 34

 183, 165, 253

 186, 165, 255

Harmonies

Analogous

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



149, 179, 117



121, 165, 130



131, 166, 170

Triad

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



121, 165, 130



104, 142, 196



202, 145, 164

Complementary

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



121, 165, 130



130, 121, 165

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, 149, 185



121, 165, 130



130, 153, 204

Square

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



121, 165, 130



96, 136, 179



160, 156, 199



205, 146, 142

Rectangle

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



121, 165, 130



115, 151, 172



160, 156, 199



198, 146, 171

Sweetspot

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



121, 165, 130



197, 214, 200



165, 132, 121



96, 107, 98



235, 235, 235



107, 107, 107

Same Dimension

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



121, 165, 130



146, 214, 160



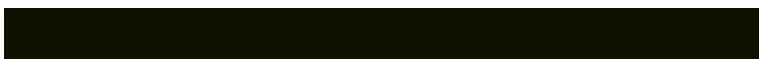
121, 165, 152



73, 82, 75



0, 145, 29



0, 18, 4

Inverse Universe

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



130, 121, 165



160, 146, 214



152, 121, 165



75, 73, 82



30, 0, 145



4, 0, 18

Previews

White Background



This preview shows how the RYB color 121, 165, 130 looks on a white background.

Color Contrast Check

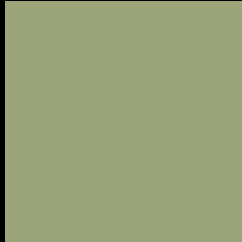
Large Text (above 18pt) WCAG AA × Fail

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 121, 165, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

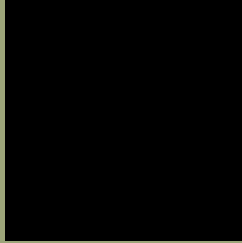
Any Text WCAG AA ✓ Pass

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 121, 165, 130 Background



This preview shows how black text looks on a background with the RYB color 121, 165, 130.



This preview shows how white text looks on a background with the RYB color 121, 165, 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
121, 165, 130

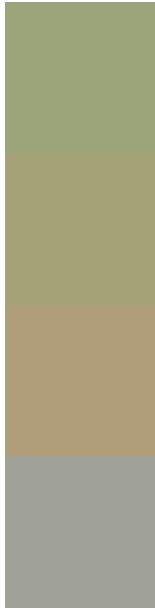
Protanopia
135, 172, 119

Deuteranopia
188, 182, 123



Tritanopia
163, 158, 171

Trichromacy



Original Color
121, 165, 130

Protanomaly
124, 166, 120

Deuteranomaly
149, 176, 122

Tritanomaly
153, 161, 154

Monochromacy



Original Color
121, 165, 130

Achromatopsia
157, 157, 157

Achromatomaly
144, 160, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 165, 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(156, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(156, 165, 121)  
}
```

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(156, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 165, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 165, 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(156, 165, 121) }
```

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

```
.border{ border-color:rgb(156, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(156, 165,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 165, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 165, 121) }
```

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

```
.background{ background-color: rgb(156,  
165, 121) }
```

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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