

Converting Colors

`RYB(121, 156, 125)`

Have a look what the booklet for
RYB(121, 156, 125) contains.

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Color

R_YB(121, 156, 125)

Conversions

Conversions Part 1

Format	Color
Hex	989C79
RGB	152, 156, 121
RGB Percent	60%, 61%, 47%
CMY	0.4039, 0.3882, 0.5255
CMYK	0.03, 0.00, 0.22, 0.39
HSL	67°, 15%, 54%
HSV	67°, 22%, 61%
XYZ	28.2886, 31.8328, 22.7425
YIQ	150.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

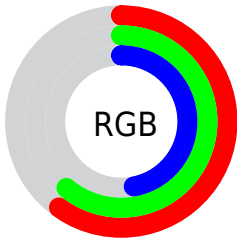
Format	Color
RYB	121, 156, 125
Decimal	10001529
CIELab	63.20, -7.57, 17.89
CIElCh	63, 19.428, 112.922
Yxy	31.8328, 0.3414, 0.3842
Android (android.graphics.Color)	4288191609 (0xFF989C79)
YUV	150.8140, -14.6983, 1.0401
Hunter-Lab	56.4206, -9.2384, 15.5952

Details

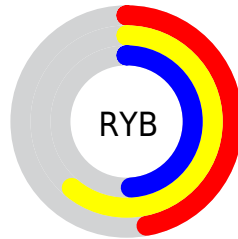
The RYB color **121, 156, 125** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **125, 121, 156**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **173, 210, 176**, and **72, 105, 76** is the 20% darker color. If you saturate the color by 10%, you get **105, 156, 111**, and if you desaturate by 10%, it is **137, 156, 139**.

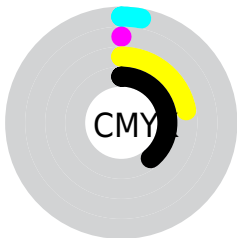
Distribution



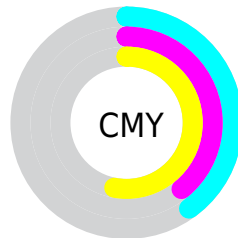
- Red (60%)
- Green (61%)
- Blue (47%)



- Red (47%)
- Yellow (61%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)




- Cyan (40%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 156, 125 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, 156, 125 by changing the saturation by 10% instead.


 121, 156, 125


255, 255, 255


 173, 210, 176

 201, 239, 205

 229, 255, 229

 121, 156, 125


 96, 130, 100

 72, 105, 76


 49, 81, 54

 28, 58, 33


 3, 36, 7


 0, 16, 16

 0, 0, 0

 121, 156, 125

 105, 156, 111

 121, 156, 125

 137, 156, 139

■ 90, 156, 98

■ 152, 156, 152

■ 74, 156, 83

■ 157, 156, 168

■ 59, 156, 70

■ 159, 156, 183

■ 43, 156, 56

■ 161, 156, 199

■ 27, 156, 42

■ 163, 156, 215

■ 12, 156, 28

■ 164, 156, 230

■ 0, 156, 18

■ 166, 156, 246

■ 168, 156, 255

Harmonies

Analogous

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



152, 170, 119



121, 156, 125



132, 160, 160

Triad

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



121, 156, 125



110, 139, 180



185, 141, 158

Complementary

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



121, 156, 125



125, 121, 156

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.



171, 144, 174



121, 156, 125



127, 147, 187

Square

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



121, 156, 125



105, 135, 166



151, 150, 185



189, 141, 140

Rectangle

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



121, 156, 125



120, 148, 162



151, 150, 185



181, 142, 164

Sweetspot

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



121, 156, 125



190, 204, 192



156, 126, 121



94, 102, 95



230, 230, 230



102, 102, 102

Same Dimension

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



121, 156, 125



149, 204, 155



121, 156, 142



71, 79, 72



0, 143, 17



0, 15, 1

Inverse Universe

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



125, 121, 156



155, 149, 204



142, 121, 156



72, 71, 79



16, 0, 143



2, 0, 15

Previews

White Background



This preview shows how the RYB color 121, 156, 125 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, 156, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

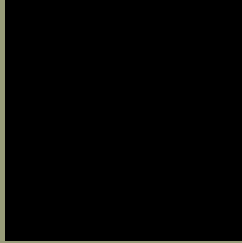
Any Text WCAG AA ✓ Pass

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, 156, 125 Background



This preview shows how black text looks on a background with the RYB color 121, 156, 125.



This preview shows how white text looks on a background with the RYB color 121, 156, 125.

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, 156, 125

Protanopia

132, 163, 119

Deuteranopia

178, 166, 123



Tritanopia
158, 150, 162

Trichromacy



Original Color

121, 156, 125

Protanomaly

126, 159, 120

Deuteranomaly

154, 169, 122

Tritanomaly

154, 156, 147

Monochromacy



Original Color

121, 156, 125

Achromatopsia

151, 151, 151

Achromatomaly

140, 153, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 156, 125 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(152, 156, 121) looks like.

```
.text, #text, p{  
    color:rgb(152, 156, 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(152, 156, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 156, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 156, 125 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(152, 156, 121) }
```

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

```
.border{ border-color:rgb(152, 156, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 156, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 156, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 156, 121);  
box-shadow:4px 4px 4px 4px rgb(152, 156,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 156, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 156, 121) }
```

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

```
.background{ background-color: rgb(152,  
156, 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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