

# Converting Colors

`RYB(125, 171, 157)`

Have a look what the booklet for  
RYB(125, 171, 157) contains.

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# **Color**

**`RYB(125, 171, 157)`**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BAB7D
RGB	139, 171, 125
RGB Percent	55%, 67%, 49%
CMY	0.4549, 0.3294, 0.5098
CMYK	0.19, 0.00, 0.27, 0.33
HSL	102°, 21%, 58%
HSV	102°, 27%, 67%
XYZ	28.9120, 36.0955, 24.8453
YIQ	156.1880, -4.3060, -21.0900

# Conversions

## Conversions Part 2

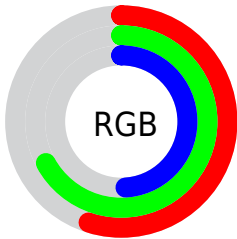
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 171, 157
Decimal	9153405
CIELab	66.59, -19.74, 20.19
CIELCh	67, 28.232, 134.355
Yxy	36.0955, 0.3218, 0.4017
Android (android.graphics.Color)	4287343485 (0xFF8BAB7D)
YUV	156.1880, -15.3757, -15.0739
Hunter-Lab	60.0795, -19.2396, 17.5368

# Details

The RYB color **125, 171, 157** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **157, 125, 171**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **178, 226, 211**, and **76, 119, 107** is the 20% darker color. If you saturate the color by 10%, you get **108, 171, 152**, and if you desaturate by 10%, it is **142, 171, 162**.

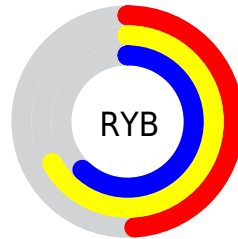
# Distribution



Red (55%)

Green (67%)

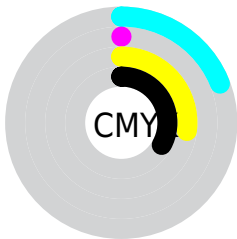
Blue (49%)



Red (49%)

Yellow (67%)

Blue (62%)

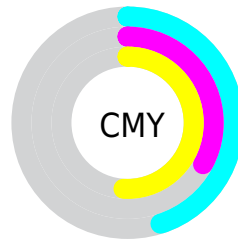


Cyan (19%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 125, 171, 157 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 125, 171, 157 by changing the saturation by 10% instead.




 125, 171, 157


255, 255, 255


 178, 226, 211

 205, 255, 239


 234, 255, 239

 125, 171, 157

 100, 144, 131

 76, 119, 107

 53, 94, 83

 31, 70, 60

 8, 47, 36


 0, 28, 28


 0, 0, 0

 125, 171, 157


 108, 171, 152

 125, 171, 157


 142, 171, 162

 91, 171, 147


 159, 171, 167

 74, 171, 142


 175, 171, 176


 57, 171, 137

 187, 171, 193


 39, 171, 130

 198, 171, 210

 22, 171, 125

 210, 171, 228

 5, 171, 120

 222, 171, 245

 0, 171, 119

 234, 171, 255

 246, 171, 255

# Harmonies

## Analogous

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



116, 168, 112



125, 171, 157



110, 151, 175

# Triad

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



125, 171, 157



110, 147, 210



213, 143, 151

# Complementary

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



125, 171, 157



157, 125, 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.



204, 145, 176



125, 171, 157



147, 158, 211

# Square

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



125, 171, 157



84, 134, 197



181, 151, 198



208, 155, 128

# Rectangle

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



125, 171, 157



93, 137, 176



181, 151, 198



211, 143, 159



# Sweetspot

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



125, 171, 157



204, 222, 216



147, 171, 125



101, 112, 109



240, 240, 240



112, 112, 112



# Same Dimension

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



125, 171, 157



151, 222, 201



125, 164, 171



78, 87, 84



0, 150, 104



0, 23, 16



# Inverse Universe

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



157, 125, 171



200, 151, 222



171, 125, 163



84, 78, 87



105, 0, 150



16, 0, 23



# Previews

## White Background



This preview shows how the RYB color 125, 171, 157 looks on a white background.

## Color Contrast Check

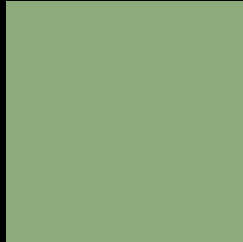
Large Text (above 18pt) WCAG AA × Fail

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 125, 171, 157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

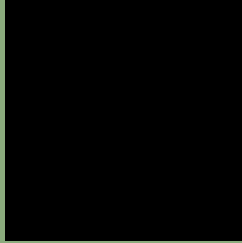
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 125, 171, 157 Background



This preview shows how black text looks on a background with the RYB color 125, 171, 157.

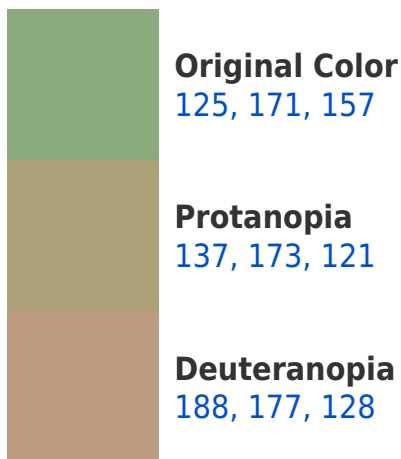


This preview shows how white text looks on a background with the RYB color 125, 171, 157.

# 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**  
147, 158, 177

# Trichromacy



**Original Color**  
125, 171, 157

**Protanomaly**  
122, 165, 126

**Deuteranomaly**  
138, 170, 127

**Tritanomaly**  
144, 158, 167

# Monochromacy



**Original Color**  
125, 171, 157

**Achromatopsia**  
156, 156, 156

**Achromatomaly**  
145, 161, 156

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 125, 171, 157 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(139, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 125)  
}
```

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(139, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 125) }
```

## Border

The CSS property to change the border of an element to RYB 125, 171, 157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

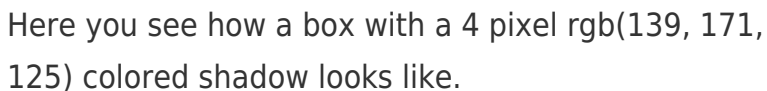
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 171, 125) }
```

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

```
.border{ border-color:rgb(139, 171, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 171, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 171, 125); box-shadow:4px 4px 4px 4px rgb(139, 171, 125) }
```

# Background

The CSS property to change the background color of an element to RYB 125, 171, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 125) }
```

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

```
.background{ background-color: rgb(139,  
171, 125) }
```

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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