

Converting Colors

`RYB(127, 171, 135)`

Have a look what the booklet for
RYB(127, 171, 135) contains.

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Color

R_YB(127, 171, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A3AB7F
RGB	163, 171, 127
RGB Percent	64%, 67%, 50%
CMY	0.3608, 0.3294, 0.5020
CMYK	0.05, 0.00, 0.26, 0.33
HSL	71°, 21%, 58%
HSV	71°, 26%, 67%
XYZ	33.4979, 38.4447, 25.7337
YIQ	163.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

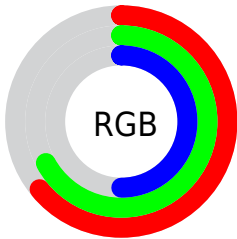
Format	Color
RYB	127, 171, 135
Decimal	10726271
CIELab	68.35, -10.38, 21.77
CIElCh	68, 24.121, 115.501
Yxy	38.4447, 0.3429, 0.3936
Android (android.graphics.Color)	4288916351 (0xFFA3AB7F)
YUV	163.5920, -18.0399, -0.5192
Hunter-Lab	62.0038, -12.0708, 18.7952

Details

The RYB color **127, 171, 135** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135, 127, 171**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **180, 226, 188**, and **78, 119, 86** is the 20% darker color. If you saturate the color by 10%, you get **110, 171, 121**, and if you desaturate by 10%, it is **144, 171, 149**.

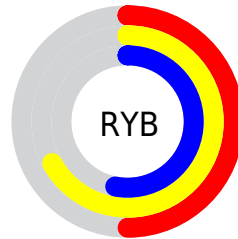
Distribution



Red (64%)

Green (67%)

Blue (50%)



Red (50%)

Yellow (67%)

Blue (53%)

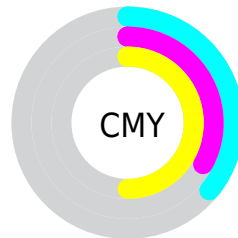


Cyan (5%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 171, 135 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, 171, 135 by changing the saturation by 10% instead.

 127, 171, 135


255, 255, 255

 180, 226, 188

 208, 255, 216

 236, 255, 236

 127, 171, 135

 102, 145, 111

 78, 119, 86

 54, 94, 62

 32, 71, 41


 10, 48, 18


 0, 28, 10

 0, 0, 0

 127, 171, 135

 110, 171, 121

 127, 171, 135

 144, 171, 149

■ 93, 171, 107

■ 161, 171, 163

■ 76, 171, 93

■ 172, 171, 178

■ 59, 171, 79

■ 175, 171, 195

■ 42, 171, 66

■ 179, 171, 212

■ 24, 171, 51

■ 182, 171, 230

■ 7, 171, 37

■ 185, 171, 247

■ 0, 171, 31

■ 188, 171, 255

■ 191, 171, 255

Harmonies

Analogous

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



157, 186, 123



127, 171, 135



138, 173, 176

Triad

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



127, 171, 135



111, 149, 202



207, 151, 171

Complementary

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



127, 171, 135



135, 127, 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, 192



127, 171, 135



136, 159, 210

Square

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



127, 171, 135



103, 142, 185



166, 162, 206



211, 152, 149

Rectangle

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



127, 171, 135



122, 157, 178



166, 162, 206



203, 152, 178

Sweetspot

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



127, 171, 135



204, 222, 207



171, 135, 127



101, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



127, 171, 135



153, 222, 166



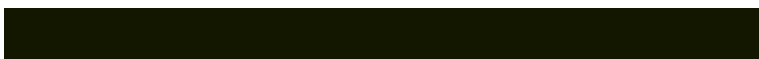
127, 171, 156



78, 87, 80



0, 150, 27



0, 23, 4

Inverse Universe

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



135, 127, 171



166, 153, 222



156, 127, 171



80, 78, 87



27, 0, 150



4, 0, 23

Previews

White Background



This preview shows how the RYB color 127, 171, 135 looks on a white background.

Color Contrast Check

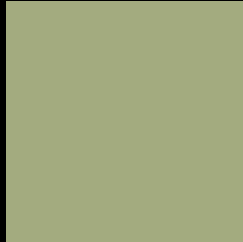
Large Text (above 18pt) WCAG AA × Fail

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, 171, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

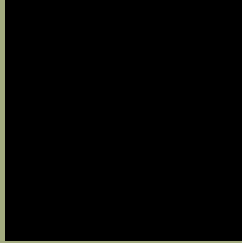
Any Text WCAG AA ✓ Pass

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, 171, 135 Background



This preview shows how black text looks on a background with the RYB color 127, 171, 135.



This preview shows how white text looks on a background with the RYB color 127, 171, 135.

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, 171, 135

Protanopia
141, 178, 125

Deuteranopia
195, 187, 129



Tritanopia
170, 164, 177

Trichromacy



Original Color

127, 171, 135

Protanomaly

132, 173, 126

Deuteranomaly

157, 183, 128

Tritanomaly

159, 167, 159

Monochromacy



Original Color

127, 171, 135

Achromatopsia

164, 164, 164

Achromatomaly

151, 167, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 171, 135 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(163, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 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(163, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 127) }
```

Border

The CSS property to change the border of an element to RYB 127, 171, 135 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(163, 171, 127) }
```

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

```
.border{ border-color:rgb(163, 171, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 127, 171, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 127) }
```

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

```
.background{ background-color: rgb(163,  
171, 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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