

Converting Colors

`RYB(127, 147, 129)`

Have a look what the booklet for
RYB(127, 147, 129) contains.

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Color

R_YB(127, 147, 129)

Conversions

Conversions Part 1

Format	Color
Hex	91937F
RGB	145, 147, 127
RGB Percent	57%, 58%, 50%
CMY	0.4314, 0.4235, 0.5020
CMYK	0.01, 0.00, 0.14, 0.42
HSL	66°, 8%, 54%
HSV	66°, 14%, 58%
XYZ	25.9415, 28.4195, 24.1969
YIQ	144.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

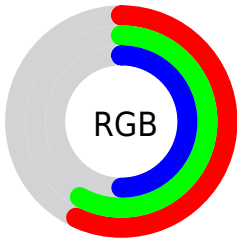
Format	Color
R_{YB}	127, 147, 129
Decimal	9540479
CIE _{Lab}	60.27, -4.40, 10.35
CIE _{LCh}	60, 11.247, 113.034
Yxy	28.4195, 0.3302, 0.3618
Android (android.graphics.Color)	4287730559 (0xFF91937F)
YUV	144.1220, -8.4411, 0.7700
Hunter-Lab	53.3099, -6.4312, 10.4057

Details

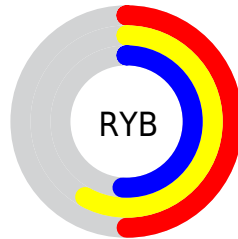
The RYB color **127, 147, 129** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **129, 127, 147**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **180, 201, 182**, and **78, 97, 81** is the 20% darker color. If you saturate the color by 10%, you get **112, 147, 115**, and if you desaturate by 10%, it is **142, 147, 143**.

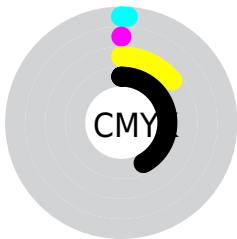
Distribution



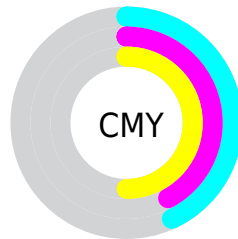
- Red (57%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 147, 129 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, 147, 129 by changing the saturation by 10% instead.

 127, 147, 129


255, 255, 255

 180, 201, 182


 207, 229, 209

 236, 255, 236

 127, 147, 129

 102, 121, 104

 78, 97, 81

 55, 73, 57

 34, 50, 36

 12, 29, 13


 0, 2, 2

 0, 0, 0

 127, 147, 129

 112, 147, 115

 127, 147, 129

 142, 147, 143

■ 98, 147, 103

■ 148, 147, 156

■ 83, 147, 89

■ 149, 147, 171

■ 68, 147, 76

■ 151, 147, 186

■ 54, 147, 63

■ 152, 147, 201

■ 39, 147, 50

■ 154, 147, 215

■ 24, 147, 36

■ 155, 147, 230

■ 9, 147, 23

■ 157, 147, 245

■ 0, 147, 15

■ 158, 147, 255

Harmonies

Analogous

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



146, 156, 126



127, 147, 129



133, 150, 149

Triad

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



127, 147, 129



123, 139, 161



164, 139, 148

Complementary

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



127, 147, 129



129, 127, 147

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.



156, 140, 157



127, 147, 129



132, 142, 165

Square

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



127, 147, 129



120, 136, 153



144, 144, 163



167, 139, 138

Rectangle

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



127, 147, 129



127, 143, 151



144, 144, 163



162, 139, 151

Sweetspot

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



127, 147, 129



184, 191, 185



147, 129, 127



92, 97, 93



224, 224, 224



97, 97, 97

Same Dimension

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



127, 147, 129



161, 191, 164



127, 147, 139



67, 74, 68



0, 138, 14



0, 10, 1

Inverse Universe

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



129, 127, 147



164, 161, 191



139, 127, 147



67, 67, 74



14, 0, 138



1, 0, 10

Previews

White Background



This preview shows how the RYB color 127, 147, 129 looks on a white background.

Color Contrast Check

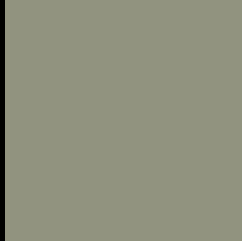
Large Text (above 18pt) WCAG AA ✓ Pass

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, 147, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

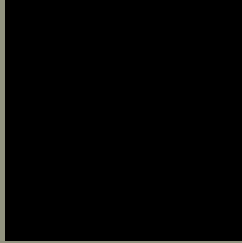
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

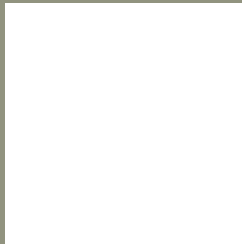
Any Text WCAG AAA × Fail

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

R Y B 127, 147, 129 Background



This preview shows how black text looks on a background with the R Y B color 127, 147, 129.



This preview shows how white text looks on a background with the R Y B color 127, 147, 129.

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, 147, 129

Protanopia

136, 152, 126

Deuteranopia

165, 146, 128



Tritanopia
149, 143, 154

Trichromacy



Original Color

127, 147, 129

Protanomaly

129, 149, 126

Deuteranomaly

158, 158, 128

Tritanomaly

148, 144, 144

Monochromacy



Original Color

127, 147, 129

Achromatopsia

144, 144, 144

Achromatomaly

138, 145, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 147, 129 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(145, 147, 127) looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 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(145, 147, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 127) }
```

Border

The CSS property to change the border of an element to RYB 127, 147, 129 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(145, 147, 127) }
```

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

```
.border{ border-color:rgb(145, 147, 127) }
```

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

Here you see how a box with a 4 pixel rgb(145, 147, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 127);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 127, 147, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 127) }
```

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

```
.background{ background-color: rgb(145,  
147, 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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