

Converting Colors

`RYB(127, 157, 149)`

Have a look what the booklet for
RYB(127, 157, 149) contains.

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Color

R_YB(127, 157, 149)

Conversions

Conversions Part 1

Format	Color
Hex	879D7F
RGB	135, 157, 127
RGB Percent	53%, 62%, 50%
CMY	0.4706, 0.3843, 0.5020
CMYK	0.14, 0.00, 0.19, 0.38
HSL	104°, 13%, 56%
HSV	104°, 19%, 62%
XYZ	25.8794, 30.7971, 24.6591
YIQ	147.0020, -3.4820, -13.9940

Conversions

Conversions Part 2

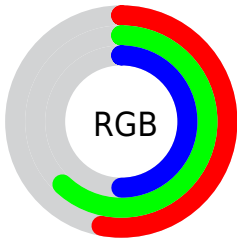
Format	Color
RYB	127, 157, 149
Decimal	8887679
CIELab	62.34, -13.58, 13.15
CIElCh	62, 18.908, 135.921
Yxy	30.7971, 0.3182, 0.3786
Android (android.graphics.Color)	4287077759 (0xFF879D7F)
YUV	147.0020, -9.8610, -10.5258
Hunter-Lab	55.4952, -13.8755, 12.5013

Details

The RYB color **127, 157, 149** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **149, 127, 157**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **180, 212, 204**, and **78, 106, 99** is the 20% darker color. If you saturate the color by 10%, you get **111, 157, 145**, and if you desaturate by 10%, it is **143, 157, 153**.

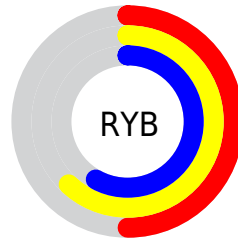
Distribution



Red (53%)

Green (62%)

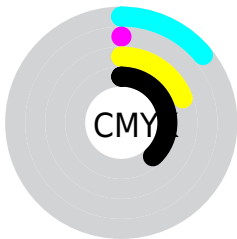
Blue (50%)



Red (50%)

Yellow (62%)

Blue (58%)

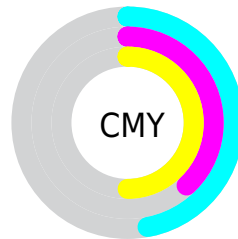


Cyan (14%)

Magenta (0%)

Yellow (19%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 157, 149 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, 157, 149 by changing the saturation by 10% instead.


 127, 157, 149

255, 255, 255


 180, 212, 204

 207, 240, 231


 236, 255, 246

 127, 157, 149

 102, 131, 123

 78, 106, 99


 55, 81, 75


 33, 58, 52


 12, 37, 30

 0, 15, 15

 0, 0, 0

 127, 157, 149

 111, 157, 145

 127, 157, 149

 143, 157, 153

■ 96, 157, 141

■ 158, 157, 158

■ 80, 157, 137

■ 170, 157, 174

■ 64, 157, 132

■ 181, 157, 190

■ 49, 157, 129

■ 193, 157, 206

■ 33, 157, 124

■ 204, 157, 221

■ 17, 157, 120

■ 216, 157, 237

■ 1, 157, 115

■ 227, 157, 253

■ 0, 157, 115

■ 239, 157, 255

Harmonies

Analogous

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



120, 154, 118



127, 157, 149



117, 144, 160

Triad

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



127, 157, 149



121, 143, 183



186, 139, 142

Complementary

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



127, 157, 149



149, 127, 157

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.



179, 140, 159



127, 157, 149



143, 148, 183

Square

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



127, 157, 149



107, 136, 174



164, 144, 174



182, 148, 127

Rectangle

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



127, 157, 149



108, 136, 160



164, 144, 174



185, 139, 148

Sweetspot

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



127, 157, 149



192, 204, 201



138, 157, 127



95, 102, 100



230, 230, 230



102, 102, 102

Same Dimension

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



127, 157, 149



157, 204, 191



127, 151, 157



71, 79, 77



0, 143, 105



0, 15, 11

Inverse Universe

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



149, 127, 157



191, 157, 204



157, 127, 150



77, 71, 79



105, 0, 143



11, 0, 15

Previews

White Background



This preview shows how the RYB color 127, 157, 149 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, 157, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

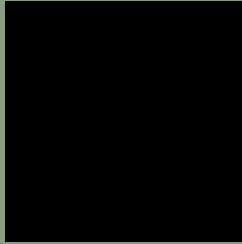
Any Text WCAG AA ✓ Pass

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](#).

R Y B 127, 157, 149 Background



This preview shows how black text looks on a background with the R Y B color 127, 157, 149.

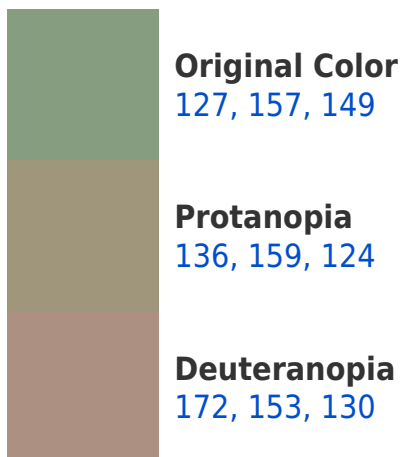


This preview shows how white text looks on a background with the R Y B color 127, 157, 149.

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

141, 148, 164

Trichromacy



Original Color
127, 157, 149

Protanomaly
125, 153, 128

Deuteranomaly
144, 159, 129

Tritanomaly
139, 147, 154

Monochromacy



Original Color
127, 157, 149

Achromatopsia
147, 147, 147

Achromatomaly
140, 151, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 157, 149 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(135, 157, 127) looks like.

```
.text, #text, p{  
    color:rgb(135, 157, 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(135, 157, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 157, 127) }
```

Border

The CSS property to change the border of an element to RYB 127, 157, 149 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(135, 157, 127) }
```

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

```
.border{ border-color:rgb(135, 157, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 157, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 157, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 157, 127);  
box-shadow:4px 4px 4px 4px rgb(135, 157,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 127, 157, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 157, 127) }
```

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

```
.background{ background-color: rgb(135,  
157, 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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