

Converting Colors

`RYB(109, 157, 139)`

Have a look what the booklet for
RYB(109, 157, 139) contains.

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Color

R_YB(109, 157, 139)

Conversions

Conversions Part 1

Format	Color
Hex	7F9D6D
RGB	127, 157, 109
RGB Percent	50%, 62%, 43%
CMY	0.5020, 0.3843, 0.5725
CMYK	0.19, 0.00, 0.31, 0.38
HSL	98°, 20%, 52%
HSV	98°, 31%, 62%
XYZ	23.5697, 29.7301, 18.9642
YIQ	142.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

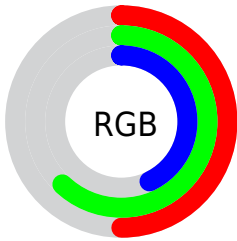
Format	Color
RYB	109, 157, 139
Decimal	8363373
CIELab	61.42, -19.58, 21.79
CIELCh	61, 29.296, 131.940
Yxy	29.7301, 0.3262, 0.4114
Android (android.graphics.Color)	4286553453 (0xFF7F9D6D)
YUV	142.5580, -16.5441, -13.6444
Hunter-Lab	54.5253, -18.2590, 17.5463

Details

The RYB color **109, 157, 139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139, 109, 157**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **161, 212, 193**, and **61, 106, 90** is the 20% darker color. If you saturate the color by 10%, you get **93, 157, 133**, and if you desaturate by 10%, it is **125, 157, 145**.

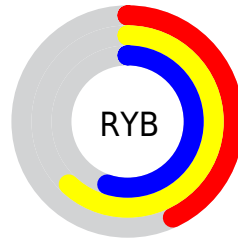
Distribution



Red (50%)

Green (62%)

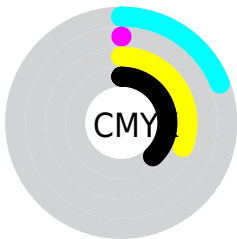
Blue (43%)



Red (43%)

Yellow (62%)

Blue (55%)

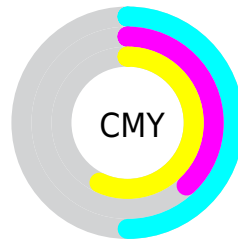


Cyan (19%)

Magenta (0%)

Yellow (31%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 157, 139 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 109, 157, 139 by changing the saturation by 10% instead.

 109, 157, 139

255, 255, 255


 161, 212, 193

 188, 240, 220


 216, 255, 234

 244, 255, 244

 109, 157, 139

 84, 131, 113

 61, 106, 90

 38, 81, 66


 17, 58, 45

 0, 36, 26

 0, 10, 10


 0, 0, 0

 109, 157, 139


 93, 157, 133

 109, 157, 139


 125, 157, 145


 78, 157, 128


 140, 157, 150

 62, 157, 121


 156, 157, 157


 46, 157, 115


 166, 157, 172

 30, 157, 109

 176, 157, 188

 15, 157, 104

 186, 157, 203

 0, 157, 98

 196, 157, 219

 206, 157, 235

 215, 157, 250

Harmonies

Analogous

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



104, 156, 97



109, 157, 139



96, 138, 161

Triad

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



109, 157, 139



89, 130, 197



200, 129, 139

Complementary

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



109, 157, 139



139, 109, 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.



189, 131, 165



109, 157, 139



129, 143, 199

Square

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



109, 157, 139



61, 116, 182



165, 138, 187



196, 138, 115

Rectangle

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



109, 157, 139



76, 123, 162



165, 138, 187



198, 129, 148

Sweetspot

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



109, 157, 139



186, 204, 197



138, 157, 109



91, 102, 98



230, 230, 230



102, 102, 102

Same Dimension

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



109, 157, 139



129, 204, 176



109, 152, 157



71, 79, 76



0, 143, 89



0, 15, 9

Inverse Universe

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



139, 109, 157



176, 129, 204



157, 109, 151



76, 71, 79



89, 0, 143



10, 0, 15

Previews

White Background



This preview shows how the RYB color 109, 157, 139 looks on a white background.

Color Contrast Check

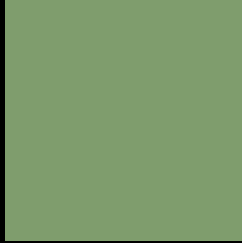
Large Text (above 18pt) WCAG AA ✓ Pass

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 109, 157, 139 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](#).

RYB 109, 157, 139 Background



This preview shows how black text looks on a background with the RYB color 109, 157, 139.

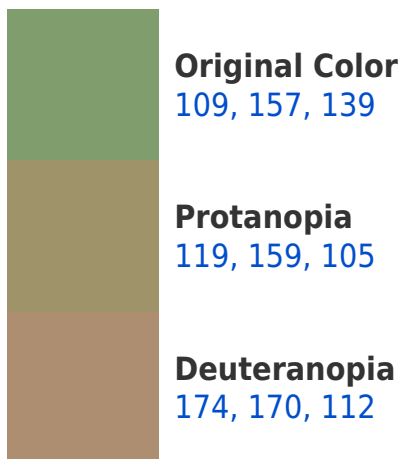


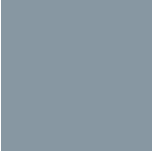
This preview shows how white text looks on a background with the RYB color 109, 157, 139.

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
135, 145, 162

Trichromacy



Original Color
109, 157, 139

Protanomaly
106, 151, 110

Deuteranomaly
124, 157, 111

Tritanomaly
132, 146, 153

Monochromacy



Original Color
109, 157, 139

Achromatopsia
143, 143, 143

Achromatomaly
131, 148, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 157, 139 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(127, 157, 109) looks like.

```
.text, #text, p{  
    color:rgb(127, 157, 109)  
}
```

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(127, 157, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 157, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 157, 139 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(127, 157, 109) }
```

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

```
.border{ border-color:rgb(127, 157, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 157, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 157, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 157, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 157,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 157, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 157, 109) }
```

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

```
.background{ background-color: rgb(127,  
157, 109) }
```

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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