

Converting Colors

`RYB(111, 147, 119)`

Have a look what the booklet for
RYB(111, 147, 119) contains.

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Color

R_{YB}(111, 147, 119)

Conversions

Conversions Part 1

Format	Color
Hex	8B936F
RGB	139, 147, 111
RGB Percent	55%, 58%, 44%
CMY	0.4549, 0.4235, 0.5647
CMYK	0.05, 0.00, 0.24, 0.42
HSL	73°, 14%, 51%
HSV	73°, 24%, 58%
XYZ	23.9504, 27.5041, 19.0854
YIQ	140.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

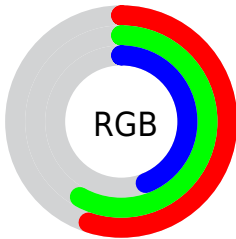
Format	Color
R_YB	111, 147, 119
Decimal	9147247
CIE Lab	59.44, -9.35, 18.14
CIE LCh	59, 20.406, 117.279
Yxy	27.5041, 0.3395, 0.3899
Android (android.graphics.Color)	4287337327 (0xFF8B936F)
YUV	140.5040, -14.5455, -1.3190
Hunter-Lab	52.4444, -10.2598, 15.1344

Details

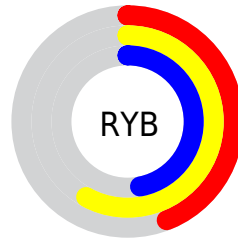
The RYB color **111, 147, 119** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119, 111, 147**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **163, 201, 171**, and **63, 96, 70** is the 20% darker color. If you saturate the color by 10%, you get **96, 147, 107**, and if you desaturate by 10%, it is **126, 147, 131**.

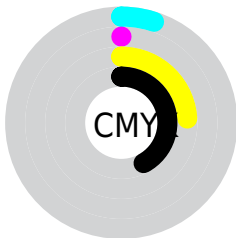
Distribution



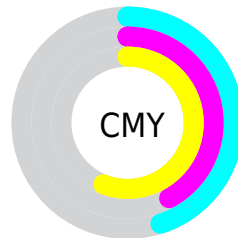
- Red (55%)
- Green (58%)
- Blue (44%)



- Red (44%)
- Yellow (58%)
- Blue (47%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)




- Cyan (45%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 147, 119 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 111, 147, 119 by changing the saturation by 10% instead.

 111, 147, 119


255, 255, 255


 163, 201, 171

 190, 229, 198

 218, 255, 224

 246, 255, 246

 111, 147, 119


 96, 147, 107


 82, 147, 97

 111, 147, 119

 86, 121, 94


 63, 96, 70


 41, 73, 49

 20, 50, 28

 0, 29, 6

 0, 0, 0

 111, 147, 119

 126, 147, 131

 140, 147, 141

■ 67, 147, 85

■ 149, 147, 155

■ 52, 147, 73

■ 152, 147, 170

■ 38, 147, 62

■ 155, 147, 185

■ 23, 147, 51

■ 159, 147, 199

■ 8, 147, 39

■ 162, 147, 214

■ 0, 147, 33

■ 165, 147, 229

■ 168, 147, 243

Harmonies

Analogous

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



133, 158, 107



111, 147, 119



118, 147, 151

Triad

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



111, 147, 119



99, 129, 173



177, 130, 145

Complementary

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



111, 147, 119



119, 111, 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.



165, 133, 163



111, 147, 119



119, 137, 179

Square

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



111, 147, 119



92, 124, 159



144, 139, 175



180, 131, 128

Rectangle

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



111, 147, 119



106, 135, 153



144, 139, 175



174, 131, 152

Sweetspot

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



111, 147, 119



178, 191, 181



147, 121, 111



89, 97, 91



224, 224, 224



97, 97, 97

Same Dimension

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



111, 147, 119



136, 191, 148



111, 147, 137



67, 74, 69



0, 138, 31



0, 10, 2

Inverse Universe

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



119, 111, 147



148, 136, 191



137, 111, 147



68, 67, 74



31, 0, 138



2, 0, 10

Previews

White Background



This preview shows how the RYB color 111, 147, 119 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 111, 147, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

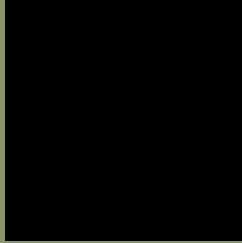
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

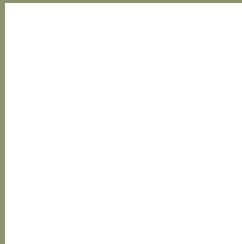
Any Text WCAG AAA × Fail

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

RYB 111, 147, 119 Background



This preview shows how black text looks on a background with the RYB color 111, 147, 119.



This preview shows how white text looks on a background with the RYB color 111, 147, 119.

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
111, 147, 119

Protanopia
122, 153, 109

Deuteranopia
167, 156, 113



Tritanopia
145, 141, 153

Trichromacy



Original Color
111, 147, 119

Protanomaly
114, 148, 110

Deuteranomaly
137, 157, 112

Tritanomaly
138, 143, 138

Monochromacy



Original Color
111, 147, 119

Achromatopsia
141, 141, 141

Achromatomaly
130, 143, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 147, 119 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, 147, 111)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 111)  
}
```

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, 147, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 147, 119 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, 147, 111) }
```

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

```
.border{ border-color:rgb(139, 147, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 111);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 147, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 111) }
```

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

```
.background{ background-color: rgb(139,  
147, 111) }
```

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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