

Converting Colors

`RYB(119, 143, 134)`

Have a look what the booklet for
RYB(119, 143, 134) contains.

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Color

R_YB(119, 143, 134)

Conversions

Conversions Part 1

Format	Color
Hex	808F77
RGB	128, 143, 119
RGB Percent	50%, 56%, 47%
CMY	0.4980, 0.4392, 0.5333
CMYK	0.10, 0.00, 0.17, 0.44
HSL	98°, 10%, 51%
HSV	98°, 17%, 56%
XYZ	22.0543, 25.5660, 21.2251
YIQ	135.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

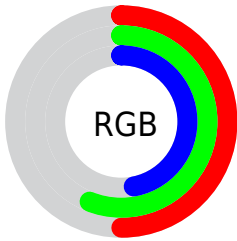
Format	Color
RYB	119, 143, 134
Decimal	8425335
CIELab	57.62, -10.09, 10.97
CIElCh	58, 14.907, 132.611
Yxy	25.5660, 0.3203, 0.3714
Android (android.graphics.Color)	4286615415 (0xFF808F77)
YUV	135.7790, -8.2720, -6.8222
Hunter-Lab	50.5629, -10.6275, 10.5054

Details

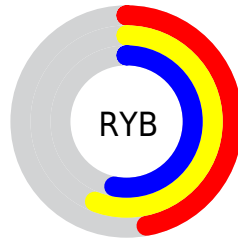
The RYB color **119, 143, 134** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **134, 119, 143**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **171, 197, 187**, and **71, 93, 85** is the 20% darker color. If you saturate the color by 10%, you get **105, 143, 129**, and if you desaturate by 10%, it is **133, 143, 139**.

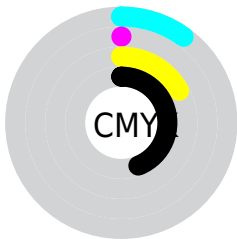
Distribution



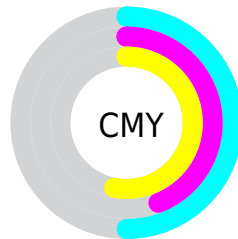
- Red (50%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 143, 134 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 119, 143, 134 by changing the saturation by 10% instead.

 119, 143, 134


255, 255, 255


 171, 197, 187

 199, 225, 215

 227, 253, 243

 119, 143, 134

 94, 117, 108

 71, 93, 85

 48, 69, 61

 27, 47, 40

 1, 26, 13

 0, 0, 0

 119, 143, 134

 105, 143, 129

 90, 143, 123

 119, 143, 134

 133, 143, 139

 146, 143, 148

■ 76, 143, 118

■ 155, 143, 162

■ 62, 143, 113

■ 164, 143, 176

■ 47, 143, 107

■ 173, 143, 191

■ 33, 143, 102

■ 182, 143, 205

■ 19, 143, 97

■ 191, 143, 219

■ 5, 143, 92

■ 200, 143, 233

■ 0, 143, 89

■ 208, 143, 248

Harmonies

Analogous

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



118, 143, 113



119, 143, 134



114, 134, 145

Triad

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



119, 143, 134



115, 132, 163



166, 129, 133

Complementary

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



119, 143, 134



134, 119, 143

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.



160, 130, 147



119, 143, 134



131, 137, 164

Square

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



119, 143, 134



105, 127, 156



148, 133, 158



164, 134, 121

Rectangle

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



119, 143, 134



107, 128, 146



148, 133, 158



165, 129, 138

Sweetspot

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



119, 143, 134



177, 186, 183



133, 143, 119



89, 94, 92



222, 222, 222



94, 94, 94

Same Dimension

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



119, 143, 134



149, 186, 172



119, 140, 143



64, 71, 68



0, 135, 84



0, 8, 5

Inverse Universe

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



134, 119, 143



172, 149, 186



143, 119, 140



69, 64, 71



84, 0, 135



5, 0, 8

Previews

White Background



This preview shows how the RYB color 119, 143, 134 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 119, 143, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

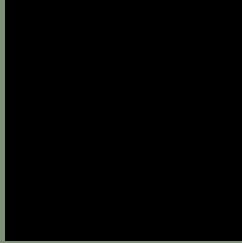
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

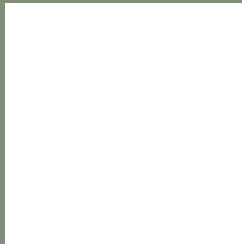
Any Text WCAG AAA × Fail

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

RYB 119, 143, 134 Background



This preview shows how black text looks on a background with the RYB color 119, 143, 134.



This preview shows how white text looks on a background with the RYB color 119, 143, 134.

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](#).

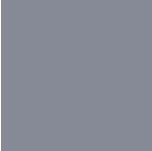
Dichromacy



Original Color
119, 143, 134

Protanopia
127, 146, 116

Deuteranopia
158, 139, 121



Tritanopia
133, 137, 150

Trichromacy



Original Color

119, 143, 134

Protanomaly

117, 140, 118

Deuteranomaly

136, 147, 120

Tritanomaly

131, 136, 140

Monochromacy



Original Color

119, 143, 134

Achromatopsia

136, 136, 136

Achromatomaly

130, 139, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 143, 134 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(128, 143, 119) looks like.

```
.text, #text, p{  
    color:rgb(128, 143, 119)  
}
```

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(128, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 143, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 143, 134 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(128, 143, 119) }
```

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

```
.border{ border-color:rgb(128, 143, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(128, 143,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 143, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 143, 119) }
```

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

```
.background{ background-color: rgb(128,  
143, 119) }
```

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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