

Converting Colors

`RYB(146, 159, 139)`

Have a look what the booklet for
RYB(146, 159, 139) contains.

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Color

R_YB(146, 159, 139)

Conversions

Conversions Part 1

Format	Color
Hex	9F9A8B
RGB	159, 154, 139
RGB Percent	62%, 60%, 55%
CMY	0.3765, 0.3968, 0.4549
CMYK	0.00, 0.03, 0.13, 0.38
HSL	44°, 9%, 58%
HSV	44°, 13%, 62%
XYZ	30.4833, 32.2851, 29.0511
YIQ	153.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

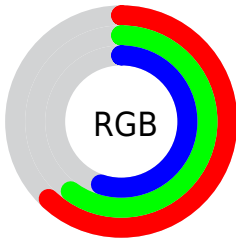
Format	Color
RYB	146, 159, 139
Decimal	10459787
CIELab	63.58, -0.76, 8.45
CIELCh	64, 8.482, 95.120
Yxy	32.2851, 0.3320, 0.3516
Android (android.graphics.Color)	4288649867 (0xFF9F9A8B)
YUV	153.7850, -7.2890, 4.5736
Hunter-Lab	56.8200, -3.6716, 9.4600

Details

The RYB color **146, 159, 139** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **139, 143, 159**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **200, 214, 192**, and **96, 108, 89** is the 20% darker color. If you saturate the color by 10%, you get **135, 159, 123**, and if you desaturate by 10%, it is **156, 159, 155**.

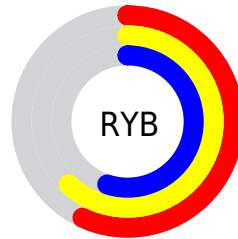
Distribution



Red (62%)

Green (60%)

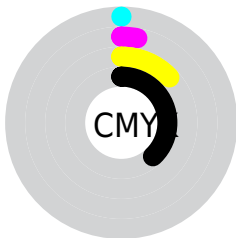
Blue (55%)



Red (57%)

Yellow (62%)

Blue (55%)

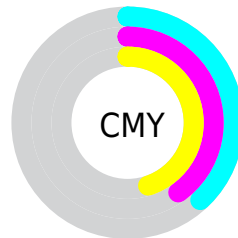


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 159, 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 146, 159, 139 by changing the saturation by 10% instead.


 146, 159, 139


255, 255, 255

 200, 214, 192


 228, 242, 220

 249, 255, 249

 146, 159, 139

 121, 133, 114

 96, 108, 89

 71, 83, 66

 49, 60, 44

 27, 38, 23

 5, 17, 0

 0, 0, 0

 146, 159, 139

 135, 159, 123

 146, 159, 139

 156, 159, 155

■ 124, 159, 107

■ 159, 161, 171

■ 115, 159, 91

■ 159, 165, 187

■ 105, 159, 75

■ 159, 168, 203

■ 94, 159, 59

■ 159, 171, 219

■ 85, 159, 44

■ 159, 175, 234

■ 74, 159, 28

■ 159, 178, 250

■ 63, 159, 12

■ 159, 181, 255

■ 55, 159, 0

■ 159, 183, 255

Harmonies

Analogous

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



166, 159, 140



146, 159, 139



142, 156, 148

Triad

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



146, 159, 139



136, 148, 162



165, 150, 160

Complementary

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



146, 159, 139



139, 143, 159

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.



157, 152, 166



146, 159, 139



140, 150, 167

Square

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



146, 159, 139



137, 149, 159



148, 153, 169



170, 149, 153

Rectangle

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



146, 159, 139



145, 157, 157



148, 153, 169



163, 150, 163

Sweetspot

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



146, 159, 139



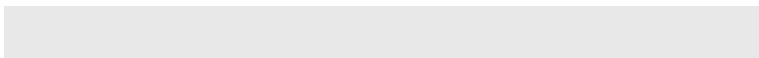
203, 207, 198



159, 139, 144



102, 105, 99



232, 232, 232



105, 105, 105

Same Dimension

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



146, 159, 139



187, 207, 176



139, 159, 144



74, 79, 71



50, 143, 0



5, 15, 0

Inverse Universe

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



139, 143, 159



176, 182, 207



144, 139, 159



71, 73, 79



0, 29, 143



0, 3, 15

Previews

White Background



This preview shows how the RYB color 146, 159, 139 looks on a white background.

Color Contrast Check

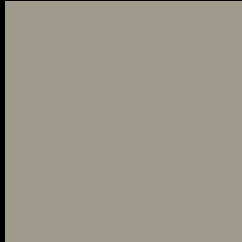
Large Text (above 18pt) WCAG AA × Fail

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 146, 159, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

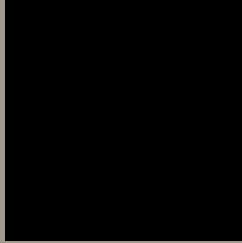
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

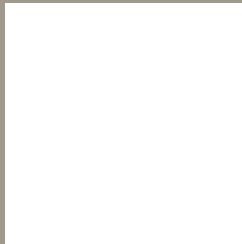
Any Text WCAG AAA ✓ Pass

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

RYB 146, 159, 139 Background



This preview shows how black text looks on a background with the RYB color 146, 159, 139.



This preview shows how white text looks on a background with the RYB color 146, 159, 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



Original Color
146, 159, 139

Protanopia
150, 160, 139

Deuteranopia
174, 150, 140



Tritanopia
162, 150, 162

Trichromacy



Original Color

146, 159, 139

Protanomaly

150, 160, 139

Deuteranomaly

169, 155, 140

Tritanomaly

161, 151, 154

Monochromacy



Original Color

146, 159, 139

Achromatopsia

154, 154, 154

Achromatomaly

152, 156, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 159, 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(159, 154, 139) looks like.

```
.text, #text, p{  
    color:rgb(159, 154, 139)  
}
```

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(159, 154, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 139) }
```

Border

The CSS property to change the border of an element to RYB 146, 159, 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(159, 154, 139) }
```

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

```
.border{ border-color:rgb(159, 154, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 154, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 154, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 154, 139);  
box-shadow:4px 4px 4px 4px rgb(159, 154,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 146, 159, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 154, 139) }
```

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

```
.background{ background-color: rgb(159,  
154, 139) }
```

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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