

Converting Colors

`RYB(159, 127, 139)`

Have a look what the booklet for
RYB(159, 127, 139) contains.

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Color

R_YB(159, 127, 139)

Conversions

Conversions Part 1

Format	Color
Hex	9F7F8B
RGB	159, 127, 139
RGB Percent	62%, 50%, 55%
CMY	0.3765, 0.5020, 0.4549
CMYK	0.00, 0.20, 0.13, 0.38
HSL	338°, 14%, 56%
HSV	338°, 20%, 62%
XYZ	26.5476, 24.4138, 27.7392
YIQ	137.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

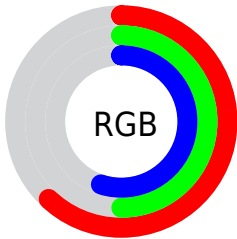
Format	Color
R _Y B	159, 127, 139
Decimal	10452875
CIE Lab	56.50, 14.34, -1.79
CIE LCh	56, 14.450, 352.894
Yxy	24.4138, 0.3373, 0.3102
Android (android.graphics.Color)	4288642955 (0xFF9F7F8B)
YUV	137.9360, 0.5246, 18.4731
Hunter-Lab	49.4103, 9.4383, 1.3014

Details

The RYB color **159, 127, 139** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127, 147, 159**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **214, 180, 192**, and **107, 78, 89** is the 20% darker color. If you saturate the color by 10%, you get **159, 111, 129**, and if you desaturate by 10%, it is **159, 143, 149**.

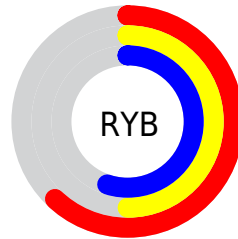
Distribution



Red (62%)

Green (50%)

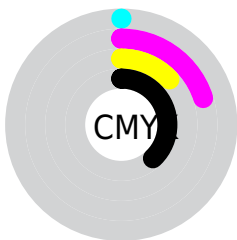
Blue (55%)



Red (62%)

Yellow (50%)

Blue (55%)

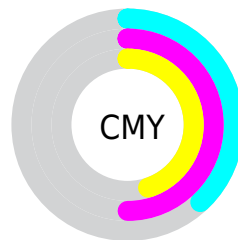


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (50%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 159, 127, 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 159, 127, 139 by changing the saturation by 10% instead.

 159, 127, 139

255, 255, 255

 214, 180, 192


 243, 207, 220

 255, 236, 249

 159, 127, 139

 133, 102, 114

 107, 78, 89

 83, 55, 66

 59, 33, 44

 37, 12, 23

 0, 0, 0

 159, 127, 139

 159, 111, 129

 159, 95, 119

 159, 127, 139

 159, 143, 149

 159, 159, 159

■ 159, 79, 109

■ 159, 169, 175

■ 159, 63, 99

■ 159, 179, 191

■ 159, 48, 89

■ 159, 189, 207

■ 159, 32, 79

■ 159, 198, 222

■ 159, 16, 69

■ 159, 207, 238

■ 159, 0, 60

■ 159, 217, 254

■ 159, 215, 255

Harmonies

Analogous

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



149, 129, 151



159, 127, 139



162, 127, 126

Triad

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



159, 127, 139



112, 138, 115



106, 126, 155

Complementary

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



159, 127, 139



127, 147, 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.



102, 123, 145



159, 127, 139



120, 141, 140

Square

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



159, 127, 139



134, 148, 111



108, 129, 143



118, 132, 160

Rectangle

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



159, 127, 139



160, 132, 119



108, 129, 143



103, 125, 152

Sweetspot

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



159, 127, 139



207, 194, 199



147, 127, 159



105, 97, 100



232, 232, 232



105, 105, 105

Same Dimension

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



159, 127, 139



207, 157, 176



159, 132, 127



79, 71, 74



143, 0, 54



15, 0, 6

Inverse Universe

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



159, 127, 139



207, 157, 176



127, 142, 159



79, 71, 74



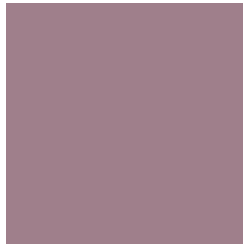
143, 0, 54



15, 0, 6

Previews

White Background



This preview shows how the RYB color 159, 127, 139 looks on a white background.

Color Contrast Check

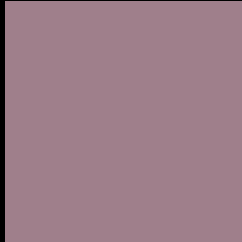
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 127, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

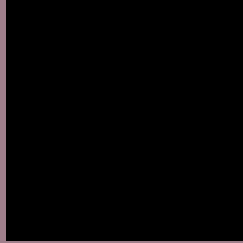
Any Text WCAG AA ✓ Pass

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 159, 127, 139 Background



This preview shows how black text looks on a background with the RYB color 159, 127, 139.



This preview shows how white text looks on a background with the RYB color 159, 127, 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
159, 127, 139

Protanopia
136, 135, 144

Deuteranopia
148, 131, 138



Tritanopia
159, 127, 137

Trichromacy



Original Color
159, 127, 139

Protanomaly
144, 132, 142

Deuteranomaly
152, 130, 138

Tritanomaly
159, 127, 138

Monochromacy



Original Color
159, 127, 139

Achromatopsia
138, 138, 138

Achromatomaly
146, 134, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 127, 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, 127, 139) looks like.

```
.text, #text, p{  
    color:rgb(159, 127, 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, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 127, 139) }
```

Border

The CSS property to change the border of an element to RYB 159, 127, 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, 127, 139) }
```

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

```
.border{ border-color:rgb(159, 127, 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, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(159, 127,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 159, 127, 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, 127, 139) }
```

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

```
.background{ background-color: rgb(159,  
127, 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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