

Converting Colors

`RYB(127, 134, 140)`

Have a look what the booklet for
RYB(127, 134, 140) contains.

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Color

`RYB(127, 134, 140)`

Conversions

Conversions Part 1

Format	Color
Hex	7F8C8A
RGB	127, 140, 138
RGB Percent	50%, 55%, 54%
CMY	0.5020, 0.4510, 0.4583
CMYK	0.09, 0.00, 0.01, 0.45
HSL	171°, 5%, 52%
HSV	171°, 9%, 55%
XYZ	22.7283, 25.1073, 27.7473
YIQ	135.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

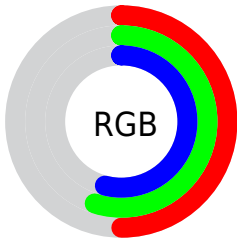
Format	Color
R_{YB}	127, 134, 140
Decimal	8359050
CIE _{Lab}	57.18, -5.08, -0.63
CIE _{LCh}	57, 5.123, 187.032
Yxy	25.1073, 0.3007, 0.3322
Android (android.graphics.Color)	4286549130 (0xFF7F8C8A)
YUV	135.8850, 1.0427, -7.7921
Hunter-Lab	50.1072, -6.7212, 2.2427

Details

The RYB color `127, 134, 140` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `140, 127, 129`, and the grayscale version is `136, 136, 136`.

A 20% lighter version of the original color is `180, 188, 194`, and `78, 85, 90` is the 20% darker color. If you saturate the color by 10%, you get `113, 128, 140`, and if you desaturate by 10%, it is `141, 140, 140`.

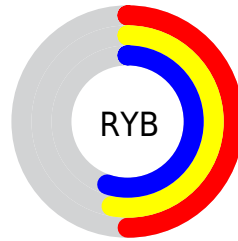
Distribution



Red (50%)

Green (55%)

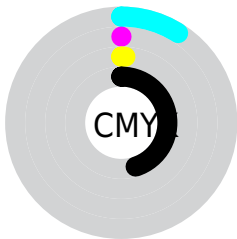
Blue (54%)



Red (50%)

Yellow (53%)

Blue (55%)

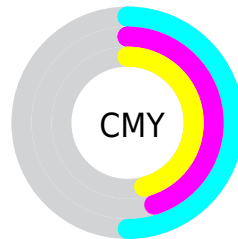


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 134, 140 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 127, 134, 140 by changing the saturation by 10% instead.

■ 127, 134, 140

255, 255, 255

■ 180, 188, 194

■ 207, 215, 221

■ 236, 244, 250

■ 127, 134, 140

■ 102, 109, 115

■ 78, 85, 90

■ 55, 62, 67

■ 33, 39, 44

■ 12, 18, 24

■ 0, 0, 0

■ 127, 134, 140

■ 113, 128, 140

■ 99, 121, 140

■ 127, 134, 140

■ 141, 140, 140

■ 155, 140, 142

85, 115, 140

169, 140, 144

71, 108, 140

183, 140, 146

57, 102, 140

197, 140, 148

43, 95, 140

211, 140, 150

29, 89, 140

225, 140, 152

15, 82, 140

239, 140, 154

1, 76, 140

253, 140, 156

Harmonies

Analogous

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



130, 137, 140



127, 134, 140



127, 134, 142

Triad

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



127, 134, 140



140, 136, 144



144, 142, 129

Complementary

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



127, 134, 140



140, 127, 129

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.



147, 136, 132



127, 134, 140



144, 135, 141

Square

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



127, 134, 140



134, 136, 146



147, 134, 136



132, 140, 128

Rectangle

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



127, 134, 140



128, 135, 145



147, 134, 136



145, 138, 130

Sweetspot

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



127, 134, 140



176, 179, 181



127, 140, 138



88, 90, 92



219, 219, 219



92, 92, 92

Same Dimension

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



127, 134, 140



161, 172, 181



127, 132, 140



62, 66, 69



0, 72, 133



0, 3, 5

Inverse Universe

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



140, 127, 129



181, 161, 164



140, 135, 127



69, 62, 63



133, 0, 19



5, 0, 1

Previews

White Background



This preview shows how the RYB color 127, 134, 140 looks on a white background.

Color Contrast Check

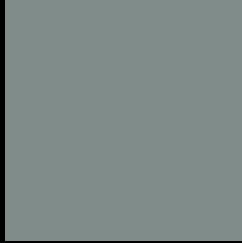
Large Text (above 18pt) WCAG AA ✓ Pass

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 127, 134, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

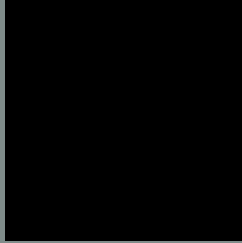
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

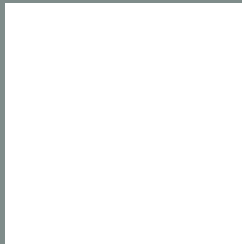
Any Text WCAG AAA × Fail

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

RYP 127, 134, 140 Background



This preview shows how black text looks on a background with the RYP color 127, 134, 140.



This preview shows how white text looks on a background with the RYP color 127, 134, 140.

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
127, 134, 140

Protanopia
140, 136, 136

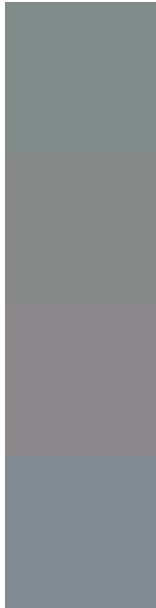
Deuteranopia
149, 133, 140



Tritanopia

129, 135, 149

Trichromacy



Original Color

127, 134, 140

Protanomaly

135, 136, 137

Deuteranomaly

141, 136, 139

Tritanomaly

128, 135, 145

Monochromacy



Original Color

127, 134, 140

Achromatopsia

136, 136, 136

Achromatomaly

133, 135, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 134, 140 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, 140, 138) looks like.

```
.text, #text, p{  
    color:rgb(127, 140, 138)  
}
```

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, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 140, 138) }
```

Border

The CSS property to change the border of an element to RYB 127, 134, 140 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, 140, 138) }
```

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

```
.border{ border-color:rgb(127, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(127, 140,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 127, 134, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 140, 138) }
```

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

```
.background{ background-color: rgb(127,  
140, 138) }
```

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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