Converting Colors

RGB(127, 151, 159)

Have a look what the booklet for RGB(127, 151, 159) contains.

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Color

RGB(127, 151, 159)

Conversions

Conversions Part 1

Format	Color
Hex	7F979F
RGB	127, 151, 159
RGB Percent	50%, 59%, 62%
CMY	0.5020, 0.4078, 0.3765
CMYK	0.20, 0.05, 0.00, 0.38
HSL	195°, 14%, 56%
HSV	195°, 20%, 62%
XYZ	26.0770, 29.1484, 37.0527
YIQ	144.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

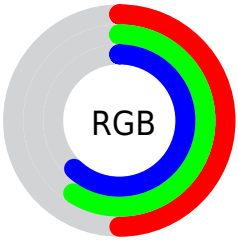
Format	Color
RYB	127, 141, 159
Decimal	8361887
CIELab	60.91, -6.62, -7.02
CIELCh	61, 9.655, 226.678
Yxy	29.1484, 0.2826, 0.3159
Android (android.graphics.Color)	4286551967 (0xFF7F979F)
YUV	144.7360, 7.0322, -15.5545
Hunter-Lab	53.9893, -8.2652, -2.8980

Details

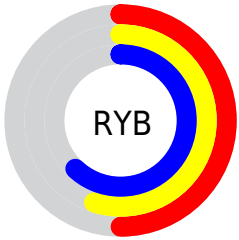
The RGB color 127, 151, 159 is a dark color, and the websafe version is hex 999999. A complement of this color would be 159, 135, 127, and the grayscale version is 145, 145, 145.

A 20% lighter version of the original color is 180, 205, 214, and 77, 100, 108 is the 20% darker color. If you saturate the color by 10%, you get 111, 147, 159, and if you desaturate by 10%, it is 143, 155, 159.

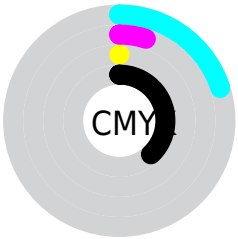
Distribution



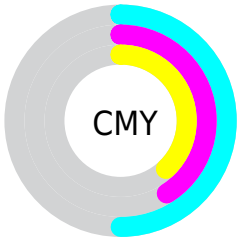
- Red (50%)
- Green (59%)
- Blue (62%)



- Red (50%)
- Yellow (55%)
- Blue (62%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 151, 159 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 RGB color 127, 151, 159 by changing the saturation by 10% instead.

127, 151, 159

255, 255, 255

180, 205, 214

208, 233, 242

236, 255, 255

127, 151, 159

102, 125, 133

77, 100, 108

54, 76, 83

31, 54, 60

9, 32, 39

0, 7, 18

0, 0, 0

127, 151, 159

111, 147, 159

127, 151, 159

143, 155, 159

95, 143, 159

79, 139, 159

63, 135, 159

48, 131, 159

32, 127, 159

16, 123, 159

0, 119, 159

159, 159, 159

175, 163, 159

191, 167, 159

207, 171, 159

222, 175, 159

238, 179, 159

254, 183, 159

255, 187, 159

Harmonies

Analogous

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

126, 152, 151

127, 151, 159

134, 149, 163

Triad

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

127, 151, 159

162, 142, 151

149, 148, 131

Complementary

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

127, 151, 159

159, 135, 127

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.

158, 145, 131

127, 151, 159

165, 141, 142

Square

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

127, 151, 159

154, 143, 159

164, 143, 135

139, 150, 135

Rectangle

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

127, 151, 159

140, 147, 164

164, 143, 135

152, 147, 130

Sweetspot

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

127, 151, 159

194, 203, 207

127, 159, 135

97, 103, 105

232, 232, 232

105, 105, 105

Same Dimension

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

127, 151, 159

157, 194, 207

127, 135, 159

71, 77, 79

0, 107, 143

0, 11, 15

Inverse Universe

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

159, 127, 151

207, 157, 194

159, 151, 127

79, 71, 77

143, 0, 107

15, 0, 11

Previews

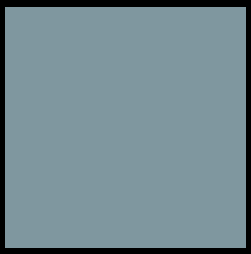
White Background

This preview shows how the RGB color 127, 151, 159 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



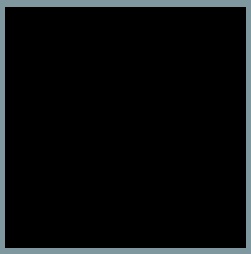
This preview shows how the RGB color 127, 151, 159 looks on a black background.

Color Contrast Check

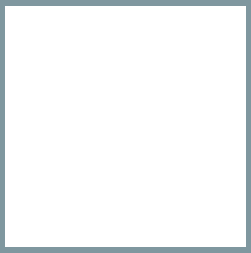
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 127, 151, 159 Background



This preview shows how black text looks on a background with the RGB color 127, 151, 159.



This preview shows how white text looks on a background with the RGB color 127, 151, 159.

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, 151, 159

Protanopia
147, 146, 156

Deuteranopia
154, 143, 161

Tritanopia
128, 150, 162

Trichromacy

Original Color
127, 151, 159

Protanomaly
140, 148, 157

Deuteranomaly
144, 146, 160

Tritanomaly
128, 150, 161

Monochromacy

Original Color
127, 151, 159

Achromatopsia
145, 145, 145

Achromatomaly
138, 147, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 151, 159 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, 151, 159) looks like.

```
.text, #text, p{
    color:rgb(127, 151, 159)
}
```

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, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 159) }
```

Border

The CSS property to change the border of an element to RGB 127, 151, 159 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, 151, 159) }
```

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

```
.border{ border-color:rgb(127, 151, 159) }
```

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

Here you see how a box with a 4 pixel rgb(127, 151, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 151, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 151, 159); box-shadow:4px 4px 4px 4px rgb(127, 151, 159) }
```

Background

The CSS property to change the background color of an element to RGB 127, 151, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 151, 159) }
```

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

```
.background{ background-color:rgb(127,
151, 159) }
```

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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