Converting Colors

RGB(137, 150, 151)

Have a look what the booklet for RGB(137, 150, 151) contains.

Color

RGB(137, 150, 151)

Conversions

Format	Color
Hex	899697
RGB	137, 150, 151
RGB Percent	54%, 59%, 59%
CMY	0.4627, 0.4118, 0.4078
CMYK	0.09, 0.01, 0.00, 0.41
HSL	184°, 6%, 56%
HSV	184°, 9%, 59%
XYZ	26.8088, 29.3654, 33.5333
YIQ	146.2270, -8.0690, -2.4450

Conversions Part 1

Conversions

Conversions Part 2

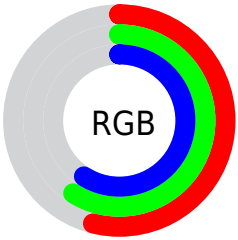
Format	Color
RYB	137, 144, 151
Decimal	9016983
CIELab	61.10, -4.43, -2.13
CIELCh	61, 4.917, 205.628
Yxy	29.3654, 0.2988, 0.3273
Android (android.graphics.Color)	4287207063 (0xFF899697)
YUV	146.2270, 2.3531, -8.0921
Hunter-Lab	54.1899, -6.5248, 1.2436

Details

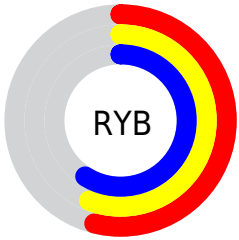
The RGB color 137, 150, 151 is a dark color, and the websafe version is hex 999999. A complement of this color would be 151, 138, 137, and the grayscale version is 146, 146, 146.

A 20% lighter version of the original color is 190, 204, 205, and 87, 99, 100 is the 20% darker color. If you saturate the color by 10%, you get 122, 149, 151, and if you desaturate by 10%, it is 152, 151, 151.

Distribution

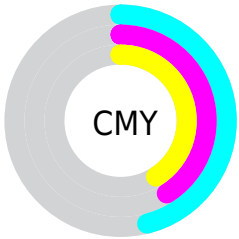


- Red (54%)
- Green (59%)
- Blue (59%)



- Red (54%)
- Yellow (56%)
- Blue (59%)

- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 150, 151 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 137, 150, 151 by changing the saturation by 10% instead.

137, 150, 151	137, 150, 151
255, 255, 255	112, 124, 125
190, 204, 205	87, 99, 100
218, 232, 233	64, 75, 76
247, 255, 255	42, 53, 54
	21, 32, 32
	0, 8, 9
	0, 0, 0

137, 150, 151	137, 150, 151
122, 149, 151	152, 151, 151

107, 148, 151	167, 152, 151
92, 147, 151	182, 153, 151
77, 146, 151	197, 154, 151
61, 145, 151	213, 155, 151
46, 144, 151	228, 156, 151
31, 142, 151	243, 158, 151
16, 141, 151	255, 159, 151
1, 140, 151	255, 160, 151

Harmonies

Analogous

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

138, 150, 147

137, 150, 151

138, 149, 154

Triad

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

137, 150, 151

153, 145, 152

152, 147, 139

Complementary

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

137, 150, 151

151, 138, 137

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.

156, 146, 140

137, 150, 151

156, 145, 148

Square

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

137, 150, 151

148, 147, 155

157, 145, 144

147, 148, 140

Rectangle

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

137, 150, 151

141, 148, 156

157, 145, 144

153, 146, 139

Sweetspot

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

137, 150, 151

190, 196, 196

137, 151, 138

95, 99, 99

227, 227, 227

99, 99, 99

Same Dimension

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

137, 150, 151

175, 195, 196

137, 143, 151

69, 76, 77

0, 130, 140

0, 12, 13

Inverse Universe

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

151, 137, 150

196, 175, 195

151, 145, 137

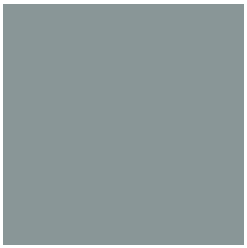
77, 69, 76

140, 0, 130

13, 0, 12

Previews

White Background

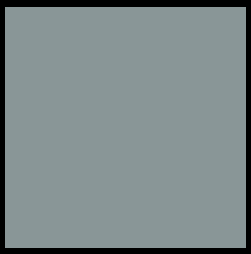


This preview shows how the RGB color 137, 150, 151 looks on a white background.

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



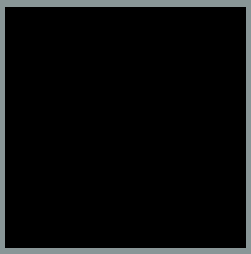
This preview shows how the RGB color 137, 150, 151 looks on a black background.

Color Contrast Check

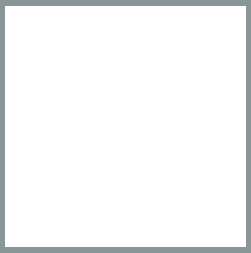
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 137, 150, 151 Background



This preview shows how black text looks on a background with the RGB color 137, 150, 151.



This preview shows how white text looks on a background with the RGB color 137, 150, 151.

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
137, 150, 151

Protanopia
149, 147, 149

Deuteranopia
159, 143, 152

Tritanopia
139, 149, 160

Trichromacy

Original Color
137, 150, 151

Protanomaly
145, 148, 150

Deuteranomaly
151, 146, 152

Tritanomaly
138, 149, 157

Monochromacy

Original Color
137, 150, 151

Achromatopsia
146, 146, 146

Achromatomaly
143, 147, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 150, 151 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(137, 150, 151) looks like.

```
.text, #text, p{
    color:rgb(137, 150, 151)
}
```

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(137, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 150, 151) }
```

Border

The CSS property to change the border of an element to RGB 137, 150, 151 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(137, 150, 151) }
```

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

```
.border{ border-color:rgb(137, 150, 151) }
```

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

Here you see how a box with a 4 pixel rgb(137, 150, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 150, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 150, 151); box-shadow:4px 4px 4px 4px rgb(137, 150, 151) }
```

Background

The CSS property to change the background color of an element to RGB 137, 150, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(137, 150, 151) }
```

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

```
.background{ background-color:rgb(137,
150, 151) }
```

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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