Converting Colors

RGB(133, 147, 147)

Have a look what the booklet for RGB(133, 147, 147) contains.

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Color

RGB(133, 147, 147)

Conversions

Conversions Part 1

Format	Color
Hex	859393
RGB	133, 147, 147
RGB Percent	52%, 58%, 58%
CMY	0.4784, 0.4235, 0.4235
CMYK	0.10, 0.00, 0.00, 0.42
HSL	180°, 6%, 55%
HSV	180°, 10%, 58%
XYZ	25.3730, 27.9606, 31.6634
YIQ	142.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

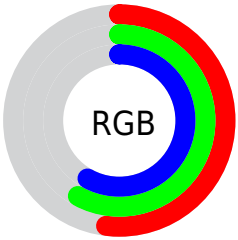
Format	Color
RYB	133, 140, 147
Decimal	8754067
CIELab	59.85, -5.01, -1.72
CIELCh	60, 5.296, 198.983
Yxy	27.9606, 0.2985, 0.3290
Android (android.graphics.Color)	4286944147 (0xFF859393)
YUV	142.8140, 2.0637, -8.6069
Hunter-Lab	52.8778, -6.8840, 1.5114

Details

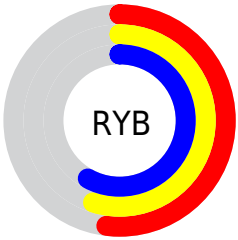
The RGB color 133, 147, 147 is a dark color, and the websafe version is hex 999999. A complement of this color would be 147, 133, 133, and the grayscale version is 143, 143, 143.

A 20% lighter version of the original color is 186, 201, 201, and 83, 96, 97 is the 20% darker color. If you saturate the color by 10%, you get 118, 147, 147, and if you desaturate by 10%, it is 148, 147, 147.

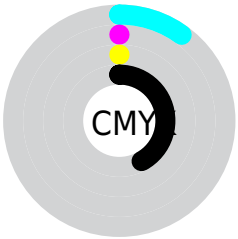
Distribution



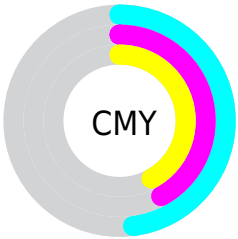
- Red (52%)
- Green (58%)
- Blue (58%)



- Red (52%)
- Yellow (55%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 147, 147 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 133, 147, 147 by changing the saturation by 10% instead.

133, 147, 147

255, 255, 255

186, 201, 201

214, 229, 229

242, 255, 255

133, 147, 147

108, 121, 121

83, 96, 97

60, 73, 73

38, 50, 50

18, 29, 29

0, 0, 4

0, 0, 0

133, 147, 147

118, 147, 147

133, 147, 147

148, 147, 147

104, 147, 147

89, 147, 147

74, 147, 147

60, 147, 147

45, 147, 147

30, 147, 147

15, 147, 147

1, 147, 147

162, 147, 147

177, 147, 147

192, 147, 147

207, 147, 147

221, 147, 147

236, 147, 147

251, 147, 147

255, 147, 147

Harmonies

Analogous

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

135, 147, 142

133, 147, 147

134, 146, 151

Triad

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

133, 147, 147

149, 142, 150

150, 143, 135

Complementary

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

133, 147, 147

147, 133, 133

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.

154, 142, 137

133, 147, 147

153, 141, 146

Square

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

133, 147, 147

143, 144, 153

155, 141, 141

145, 145, 135

Rectangle

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

133, 147, 147

136, 146, 153

155, 141, 141

151, 143, 136

Sweetspot

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

133, 147, 147

186, 191, 191

133, 147, 133

93, 97, 97

224, 224, 224

97, 97, 97

Same Dimension

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

133, 147, 147

170, 191, 191

133, 140, 147

67, 74, 74

0, 138, 138

0, 10, 10

Inverse Universe

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

147, 133, 147

191, 170, 191

147, 140, 133

74, 67, 74

138, 0, 138

10, 0, 10

Previews

White Background

This preview shows how the RGB color 133, 147, 147 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 133, 147, 147 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 133, 147, 147 Background

This preview shows how black text looks on a background with the RGB color 133, 147, 147.

This preview shows how white text looks on a background with the RGB color 133, 147, 147.

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
133, 147, 147

Protanopia
146, 143, 145

Deuteranopia
156, 140, 148

Tritanopia
135, 145, 157

Trichromacy

Original Color
133, 147, 147

Protanomaly
141, 144, 146

Deuteranomaly
148, 143, 148

Tritanomaly
134, 146, 153

Monochromacy

Original Color
133, 147, 147

Achromatopsia
143, 143, 143

Achromatomaly
139, 144, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 147, 147 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(133, 147, 147) looks like.

```
.text, #text, p{
    color:rgb(133, 147, 147)
}
```

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(133, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 147) }
```

Border

The CSS property to change the border of an element to RGB 133, 147, 147 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(133, 147, 147) }
```

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

```
.border{ border-color:rgb(133, 147, 147) }
```

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

Here you see how a box with a 4 pixel rgb(133, 147, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 147, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 147, 147); box-shadow:4px 4px 4px 4px rgb(133, 147, 147) }
```

Background

The CSS property to change the background color of an element to RGB 133, 147, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(133, 147, 147) }
```

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

```
.background{ background-color:rgb(133, 147, 147) }
```

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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