Converting Colors

RGB(95, 119, 122)

Have a look what the booklet for RGB(95, 119, 122) contains.

Color

RGB(95, 119, 122)

Conversions

Conversions Part 1

Format	Color
Hex	5F777A
RGB	95, 119, 122
RGB Percent	37%, 47%, 48%
CMY	0.6275, 0.5333, 0.5216
CMYK	0.22, 0.02, 0.00, 0.52
HSL	187°, 12%, 43%
HSV	187°, 22%, 48%
XYZ	14.8290, 17.0317, 20.9182
YIQ	112.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

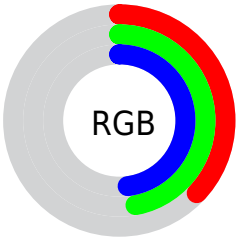
Format	Color
RYB	95, 108, 122
Decimal	6256506
CIELab	48.30, -7.98, -4.54
CIELCh	48, 9.185, 209.631
Yxy	17.0317, 0.2810, 0.3227
Android (android.graphics.Color)	4284446586 (0xFF5F777A)
YUV	112.1660, 4.8482, -15.0546
Hunter-Lab	41.2695, -8.0827, -1.1637

Details

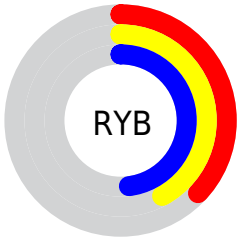
The RGB color 95, 119, 122 is a dark color, and the websafe version is hex 666666. A complement of this color would be 122, 98, 95, and the grayscale version is 112, 112, 112.

A 20% lighter version of the original color is 146, 171, 174, and 48, 71, 73 is the 20% darker color. If you saturate the color by 10%, you get 83, 118, 122, and if you desaturate by 10%, it is 107, 120, 122.

Distribution

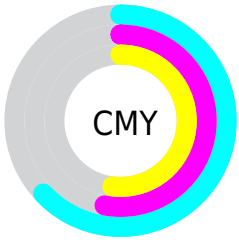


- Red (37%)
- Green (47%)
- Blue (48%)



- Red (37%)
- Yellow (42%)
- Blue (48%)

- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (63%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 119, 122 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 95, 119, 122 by changing the saturation by 10% instead.

95, 119, 122

255, 255, 255

146, 171, 174

173, 199, 202

200, 227, 230

228, 255, 255

95, 119, 122

71, 94, 97

48, 71, 73

26, 48, 51

3, 27, 30

0, 0, 4

0, 0, 0

95, 119, 122

83, 118, 122

71, 116, 122

95, 119, 122

107, 120, 122

119, 122, 122

58, 115, 122

46, 114, 122

34, 112, 122

22, 111, 122

10, 110, 122

0, 108, 122

132, 123, 122

144, 124, 122

156, 126, 122

168, 127, 122

180, 128, 122

193, 130, 122

205, 131, 122

Harmonies

Analogous

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

97, 119, 114

95, 119, 122

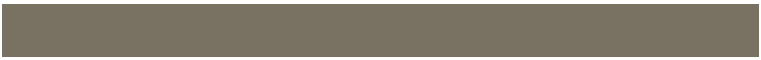
98, 118, 128

Triad

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

95, 119, 122

125, 111, 123



121, 114, 99

Complementary

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

95, 119, 122

122, 98, 95

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.

128, 112, 102

95, 119, 122

130, 109, 115

Square

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

95, 119, 122

116, 113, 128

131, 110, 107

112, 117, 101

Rectangle

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

95, 119, 122

103, 116, 130

131, 110, 107

124, 113, 100

Sweetspot

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

95, 119, 122

147, 157, 158

95, 122, 98

73, 78, 79

207, 207, 207

79, 79, 79

Same Dimension

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

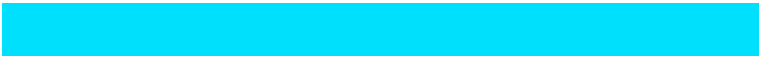
95, 119, 122

115, 153, 158

95, 106, 122

55, 61, 61

0, 111, 125



0, 224, 252

Inverse Universe

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

122, 95, 119

158, 115, 153

122, 111, 95

61, 55, 61

125, 0, 111

252, 0, 224

Previews

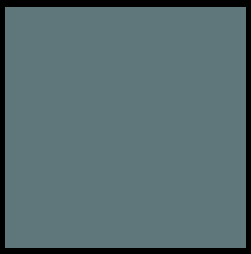
White Background

This preview shows how the RGB color 95, 119, 122 looks on a white 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

Black Background



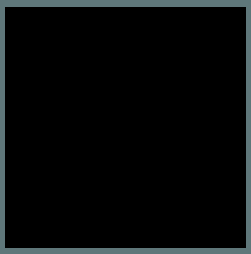
This preview shows how the RGB color 95, 119, 122 looks on a black background.

Color Contrast Check

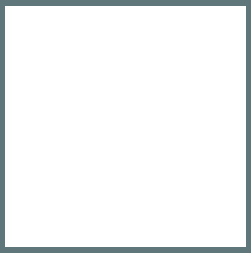
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 95, 119, 122 Background



This preview shows how black text looks on a background with the RGB color 95, 119, 122.



This preview shows how white text looks on a background with the RGB color 95, 119, 122.

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
95, 119, 122

Protanopia
115, 114, 119

Deuteranopia
121, 111, 124

Tritanopia
96, 118, 128

Trichromacy

Original Color
95, 119, 122

Protanomaly
108, 116, 120

Deuteranomaly
112, 114, 123

Tritanomaly
96, 118, 126

Monochromacy

Original Color
95, 119, 122

Achromatopsia
112, 112, 112

Achromatomaly
106, 115, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 119, 122 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(95, 119, 122) looks like.

```
.text, #text, p{
    color:rgb(95, 119, 122)
}
```

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(95, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 122) }
```

Border

The CSS property to change the border of an element to RGB 95, 119, 122 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(95, 119, 122) }
```

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

```
.border{ border-color:rgb(95, 119, 122) }
```

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

Here you see how a box with a 4 pixel rgb(95, 119, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 119, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 119, 122); box-shadow:4px 4px 4px 4px rgb(95, 119, 122) }
```

Background

The CSS property to change the background color of an element to RGB 95, 119, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(95, 119, 122) }
```

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

```
.background{ background-color:rgb(95, 119,
122) }
```

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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