

Converting Colors

RGB(94, 123, 117)

Have a look what the booklet for
RGB(94, 123, 117) contains.

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Color

RGB(94, 123, 117)

Conversions

Conversions Part 1

Format	Color
Hex	5E7B75
RGB	94, 123, 117
RGB Percent	37%, 48%, 46%
CMY	0.6314, 0.5176, 0.5412
CMYK	0.24, 0.00, 0.05, 0.52
HSL	168°, 13%, 43%
HSV	168°, 24%, 48%
XYZ	14.9099, 17.8300, 19.4853
YIQ	113.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

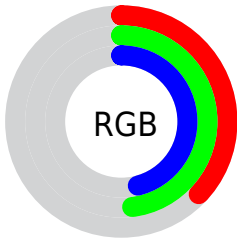
Format	Color
R_{YB}	94, 110, 123
Decimal	6191989
CIE _{Lab}	49.29, -11.76, -0.14
CIE _{LCh}	49, 11.760, 180.673
Yxy	17.8300, 0.2855, 0.3414
Android (android.graphics.Color)	4284382069 (0xFF5E7B75)
YUV	113.6450, 1.6540, -17.2287
Hunter-Lab	42.2255, -10.8659, 2.1980

Details

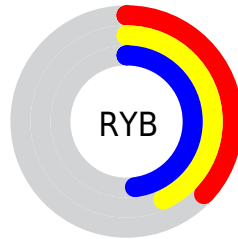
The RGB color **94, 123, 117** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **123, 94, 100**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **145, 176, 169**, and **47, 74, 69** is the 20% darker color. If you saturate the color by 10%, you get **82, 123, 114**, and if you desaturate by 10%, it is **106, 123, 120**.

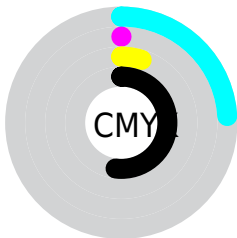
Distribution



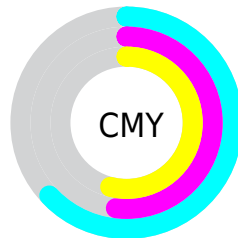
- Red (37%)
- Green (48%)
- Blue (46%)



- Red (37%)
- Yellow (43%)
- Blue (48%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (52%)























- Cyan (63%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 123, 117 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 94, 123, 117 by changing the saturation by 10% instead.

 94, 123, 117	 94, 123, 117
 255, 255, 255	 70, 98, 92
 145, 176, 169	 47, 74, 69
 172, 203, 196	 25, 52, 47
 199, 231, 224	 3, 30, 26
 227, 255, 253	 0, 0, 0

 94, 123, 117	 94, 123, 117
 82, 123, 114	 106, 123, 120
 69, 123, 112	 119, 123, 122
 57, 123, 109	 131, 123, 125

■ 45, 123, 107

■ 143, 123, 127

■ 32, 123, 104

■ 155, 123, 130

■ 20, 123, 102

■ 168, 123, 132

■ 8, 123, 99

■ 180, 123, 135

■ 0, 123, 98

■ 192, 123, 137

■ 205, 123, 140

Harmonies

Analogous

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



103, 122, 107



94, 123, 117



91, 123, 127

Triad

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



94, 123, 117



119, 115, 134



134, 113, 100

Complementary

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



94, 123, 117



123, 94, 100

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.



138, 111, 107



94, 123, 117



130, 112, 127

Square

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



94, 123, 117



106, 118, 137



137, 110, 117



125, 117, 97

Rectangle

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



94, 123, 117



93, 122, 132



137, 110, 117



136, 112, 102

Sweetspot

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



94, 123, 117



149, 161, 158



100, 123, 94



75, 82, 80



209, 209, 209



82, 82, 82

Same Dimension

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



94, 123, 117



116, 161, 151



94, 115, 123



55, 61, 60



0, 125, 99



0, 252, 200

Inverse Universe

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



123, 94, 100



161, 116, 125



123, 102, 94



61, 55, 56



125, 0, 26



252, 0, 52

Previews

White Background



This preview shows how the RGB color 94, 123, 117 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 94, 123, 117 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 94, 123, 117 Background



This preview shows how black text looks on a background with the RGB color 94, 123, 117.



This preview shows how white text looks on a background with the RGB color 94, 123, 117.

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

[94](#), [123](#), [117](#)

Protanopia

[120](#), [116](#), [113](#)

Deuteranopia

[127](#), [113](#), [119](#)



Tritanopia

97, 121, 131

Trichromacy



Original Color

94, 123, 117

Protanomaly

111, 119, 114

Deuteranomaly

115, 117, 118

Tritanomaly

96, 122, 126

Monochromacy



Original Color

94, 123, 117

Achromatopsia

114, 114, 114

Achromatomaly

107, 117, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 123, 117 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(94, 123, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 117)  
}
```

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(94, 123, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 117) }
```

Border

The CSS property to change the border of an element to RGB 94, 123, 117 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(94, 123, 117) }
```

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

```
.border{ border-color:rgb(94, 123, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 123, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 94, 123, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 117) }
```

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

```
.background{ background-color: rgb(94, 123,  
117) }
```

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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