

Converting Colors

RGB(93, 114, 112)

Have a look what the booklet for
RGB(93, 114, 112) contains.

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Color

RGB(93, 114, 112)

Conversions

Conversions Part 1

Format	Color
Hex	5D7270
RGB	93, 114, 112
RGB Percent	36%, 45%, 44%
CMY	0.6353, 0.5529, 0.5608
CMYK	0.18, 0.00, 0.02, 0.55
HSL	174°, 10%, 41%
HSV	174°, 18%, 45%
XYZ	13.4561, 15.5316, 17.6179
YIQ	107.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

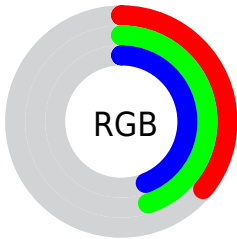
Format	Color
R _Y B	93, 104, 114
Decimal	6124144
CIE Lab	46.35, -8.17, -1.48
CIE LCh	46, 8.305, 190.243
Yxy	15.5316, 0.2887, 0.3333
Android (android.graphics.Color)	4284314224 (0xFF5D7270)
YUV	107.4930, 2.2220, -12.7104
Hunter-Lab	39.4102, -8.0211, 1.0822

Details

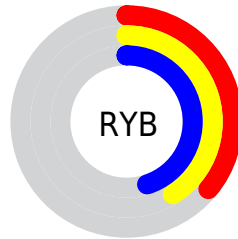
The RGB color **93, 114, 112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114, 93, 95**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **144, 166, 164**, and **46, 66, 64** is the 20% darker color. If you saturate the color by 10%, you get **82, 114, 111**, and if you desaturate by 10%, it is **104, 114, 113**.

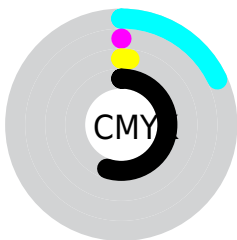
Distribution



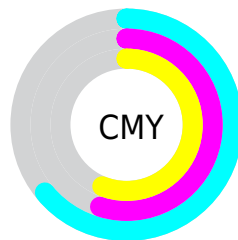
- Red (36%)
- Green (45%)
- Blue (44%)



- Red (36%)
- Yellow (41%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 114, 112 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 93, 114, 112 by changing the saturation by 10% instead.



93, 114, 112



93, 114, 112

255, 255, 255



69, 89, 88



144, 166, 164



46, 66, 64



170, 193, 191



25, 44, 42



198, 221, 219



0, 24, 22



226, 249, 247



0, 0, 0

254, 255, 255



93, 114, 112



93, 114, 112



82, 114, 111



104, 114, 113



70, 114, 110



116, 114, 114

■ 59, 114, 109

■ 127, 114, 115

■ 47, 114, 108

■ 139, 114, 116

■ 36, 114, 107

■ 150, 114, 117

■ 25, 114, 105

■ 161, 114, 119

■ 13, 114, 104

■ 173, 114, 120

■ 2, 114, 103

■ 184, 114, 121

■ 0, 114, 103

■ 196, 114, 122

Harmonies

Analogous

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



98, 114, 105



93, 114, 112



93, 113, 119

Triad

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



93, 114, 112



114, 107, 120



120, 108, 97

Complementary

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



93, 114, 112



114, 93, 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.



124, 106, 101



93, 114, 112



121, 106, 115

Square

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



93, 114, 112



105, 110, 123



125, 105, 108



113, 110, 96

Rectangle

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



93, 114, 112



95, 112, 122



125, 105, 108



122, 107, 98

Sweetspot

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



93, 114, 112



139, 148, 147



95, 114, 93



69, 74, 73



201, 201, 201



74, 74, 74

Same Dimension

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



93, 114, 112



115, 148, 145



93, 106, 114



50, 56, 56



0, 120, 108



0, 247, 224

Inverse Universe

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



114, 93, 95



148, 115, 118



114, 101, 93



56, 50, 51



120, 0, 11



247, 0, 24

Previews

White Background



This preview shows how the RGB color 93, 114, 112 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 93, 114, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

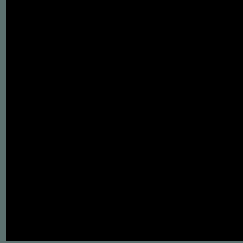
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

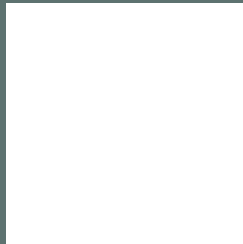
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 93, 114, 112 Background



This preview shows how black text looks on a background with the RGB color 93, 114, 112.



This preview shows how white text looks on a background with the RGB color 93, 114, 112.

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

[93](#), [114](#), [112](#)

Protanopia

[112](#), [109](#), [109](#)

Deuteranopia

[118](#), [106](#), [114](#)



Tritanopia

95, 113, 122

Trichromacy



Original Color

93, 114, 112

Protanomaly

105, 111, 110

Deuteranomaly

109, 109, 113

Tritanomaly

94, 113, 118

Monochromacy



Original Color

93, 114, 112

Achromatopsia

107, 107, 107

Achromatomaly

102, 110, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 114, 112 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(93, 114, 112) looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 112)  
}
```

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(93, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 112) }
```

Border

The CSS property to change the border of an element to RGB 93, 114, 112 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(93, 114, 112) }
```

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

```
.border{ border-color:rgb(93, 114, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 93, 114, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 112) }
```

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

```
.background{ background-color: rgb(93, 114,  
112) }
```

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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