

Converting Colors

RGB(97, 103, 88)

Have a look what the booklet for
RGB(97, 103, 88) contains.

RGB(97, 103, 88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(97, 103, 88)

Conversions

Conversions Part 1

Format	Color
Hex	616758
RGB	97, 103, 88
RGB Percent	38%, 40%, 35%
CMY	0.6196, 0.5961, 0.6549
CMYK	0.06, 0.00, 0.15, 0.60
HSL	84°, 8%, 37%
HSV	84°, 15%, 40%
XYZ	11.5415, 12.9465, 11.1231
YIQ	99.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

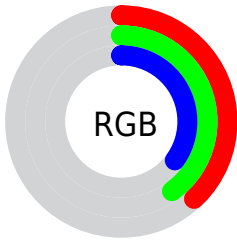
Format	Color
R_{YB}	88, 103, 94
Decimal	6383448
CIE Lab	42.68, -5.35, 7.68
CIE LCh	43, 9.359, 124.830
Yxy	12.9465, 0.3241, 0.3636
Android (android.graphics.Color)	4284573528 (0xFF616758)
YUV	99.4960, -5.6675, -2.1890
Hunter-Lab	35.9812, -5.7108, 6.8581

Details

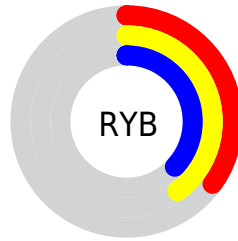
The RGB color **97, 103, 88** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94, 88, 103**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **148, 154, 138**, and **51, 56, 43** is the 20% darker color. If you saturate the color by 10%, you get **93, 103, 78**, and if you desaturate by 10%, it is **101, 103, 98**.

Distribution



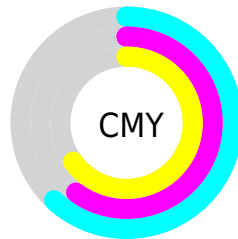
- Red (38%)
- Green (40%)
- Blue (35%)



- Red (35%)
- Yellow (40%)
- Blue (37%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 103, 88 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 97, 103, 88 by changing the saturation by 10% instead.



97, 103, 88



97, 103, 88

255, 255, 255



73, 79, 65



148, 154, 138



51, 56, 43



174, 181, 164



29, 35, 22



202, 208, 191



1, 13, 0



230, 237, 219



0, 0, 0



255, 255, 248



97, 103, 88



97, 103, 88



93, 103, 78



101, 103, 98



89, 103, 67



105, 103, 109

■ 85, 103, 57

■ 109, 103, 119

■ 81, 103, 47

■ 113, 103, 129

■ 76, 103, 37

■ 118, 103, 140

■ 72, 103, 26

■ 122, 103, 150

■ 68, 103, 16

■ 126, 103, 160

■ 64, 103, 6

■ 130, 103, 170

■ 62, 103, 0

■ 134, 103, 181

Harmonies

Analogous

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



106, 101, 85



97, 103, 88



88, 105, 94

Triad

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



97, 103, 88



85, 103, 114



117, 95, 100

Complementary

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



97, 103, 88



94, 88, 103

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.



112, 96, 107



97, 103, 88



94, 101, 116

Square

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



97, 103, 88



81, 105, 109



104, 98, 113



117, 96, 92

Rectangle

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



97, 103, 88



84, 105, 99



104, 98, 113



116, 96, 102

Sweetspot

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



97, 103, 88



133, 135, 130



103, 94, 88



67, 69, 65



196, 196, 196



69, 69, 69

Same Dimension

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



97, 103, 88



126, 135, 112



90, 103, 88



49, 51, 46



69, 115, 0



145, 242, 0

Inverse Universe

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



94, 88, 103



121, 112, 135



102, 88, 103



48, 46, 51



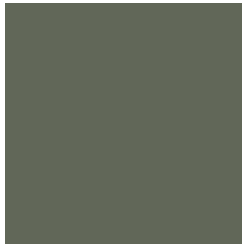
46, 0, 115



97, 0, 242

Previews

White Background



This preview shows how the RGB color 97, 103, 88 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

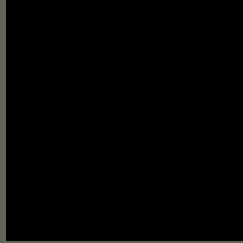
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

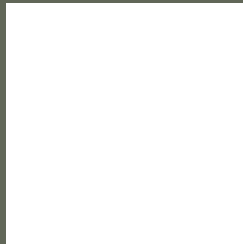
Any Text WCAG AAA × Fail

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

RGB 97, 103, 88 Background



This preview shows how black text looks on a background with the RGB color 97, 103, 88.

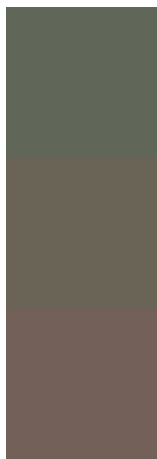


This preview shows how white text looks on a background with the RGB color 97, 103, 88.

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

[97](#), [103](#), [88](#)

Protanopia

[106](#), [100](#), [87](#)

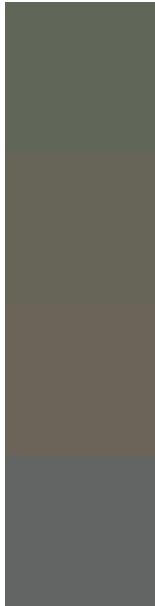
Deuteranopia

[115](#), [97](#), [89](#)



Tritanopia
100, 100, 108

Trichromacy



Original Color

97, 103, 88

Protanomaly

103, 101, 87

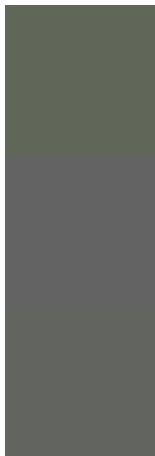
Deuteranomaly

108, 99, 89

Tritanomaly

99, 101, 101

Monochromacy



Original Color

97, 103, 88

Achromatopsia

99, 99, 99

Achromatomaly

98, 100, 95

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 103, 88 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(97, 103, 88) looks like.

```
.text, #text, p{  
    color:rgb(97, 103, 88)  
}
```

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(97, 103, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 103, 88) }
```

Border

The CSS property to change the border of an element to RGB 97, 103, 88 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(97, 103, 88) }
```

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

```
.border{ border-color:rgb(97, 103, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 103, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 103, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 103, 88);  
box-shadow:4px 4px 4px 4px rgb(97, 103,  
88) }
```

Background

The CSS property to change the background color of an element to RGB 97, 103, 88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 103, 88) }
```

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

```
.background{ background-color: rgb(97, 103,  
88) }
```

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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