Converting Colors

RGB(103, 67, 61)

Have a look what the booklet for RGB(103, 67, 61) contains.

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Color

RGB(103, 67, 61)

Conversions

Conversions Part 1

Format	Color
Hex	67433D
RGB	103, 67, 61
RGB Percent	40%, 26%, 24%
CMY	0.5961, 0.7373, 0.7608
CMYK	0.00, 0.35, 0.41, 0.60
HSL	9°, 26%, 32%
HSV	9°, 41%, 40%
XYZ	8.4430, 7.2348, 5.3663
YIQ	77.0800, 23.3820, 5.7660

Conversions

Conversions Part 2

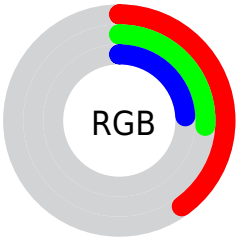
Format	Color
RYB	103, 68, 61
Decimal	6767421
CIELab	32.34, 14.75, 10.01
CIELCh	32, 17.827, 34.158
Yxy	7.2348, 0.4012, 0.3438
Android (android.graphics.Color)	4284957501 (0xFF67433D)
YUV	77.0800, -7.9274, 22.7318
Hunter-Lab	26.8976, 8.9593, 6.9993

Details

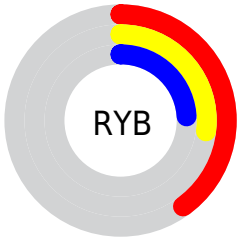
The RGB color 103, 67, 61 is a dark color, and the websafe version is hex 663333. A complement of this color would be 61, 97, 103, and the grayscale version is 77, 77, 77.

A 20% lighter version of the original color is 155, 115, 108, and 54, 23, 19 is the 20% darker color. If you saturate the color by 10%, you get 103, 58, 51, and if you desaturate by 10%, it is 103, 76, 71.

Distribution

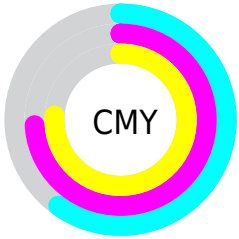


- Red (40%)
- Green (26%)
- Blue (24%)



- Red (40%)
- Yellow (27%)
- Blue (24%)

- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 67, 61 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 103, 67, 61 by changing the saturation by 10% instead.

103, 67, 61	103, 67, 61
255, 255, 255	78, 45, 39
155, 115, 108	54, 23, 19
183, 141, 134	34, 0, 0
211, 167, 160	0, 0, 0
239, 195, 187	
255, 223, 214	
255, 251, 243	

103, 67, 61	103, 67, 61
103, 58, 51	103, 76, 71

103, 49, 40

103, 41, 30

103, 32, 20

103, 23, 10

103, 15, 0

103, 85, 82

103, 93, 92

103, 102, 102

103, 111, 113

103, 120, 123

103, 129, 133

103, 138, 143

103, 146, 154

Harmonies

Analogous

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

103, 65, 75

103, 67, 61

96, 71, 51

Triad

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

103, 67, 61

52, 83, 63

60, 77, 104

Complementary

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

103, 67, 61

61, 97, 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.

40, 81, 101

103, 67, 61

37, 84, 78

Square

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

103, 67, 61

69, 80, 52

29, 83, 91

81, 72, 99

Rectangle

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

103, 67, 61

88, 74, 48

29, 83, 91

53, 78, 104

Sweetspot

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

103, 67, 61

135, 121, 119

103, 61, 97

69, 61, 59

196, 196, 196

69, 69, 69

Same Dimension

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

103, 67, 61

135, 78, 69

103, 88, 61

51, 47, 46

115, 16, 0

242, 35, 0

Inverse Universe

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

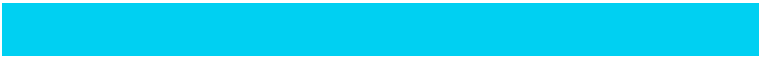
61, 97, 103

69, 126, 135

61, 76, 103

46, 50, 51

0, 98, 115



0, 208, 242

Previews

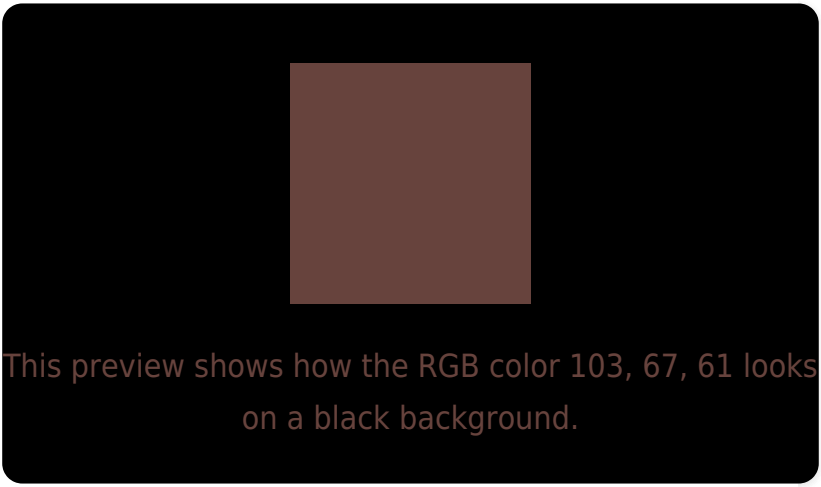
White Background

This preview shows how the RGB color 103, 67, 61 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 ✓ Pass

Black Background

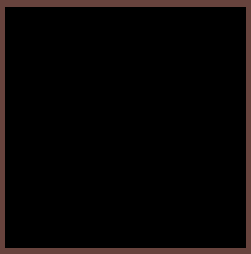


Color Contrast Check

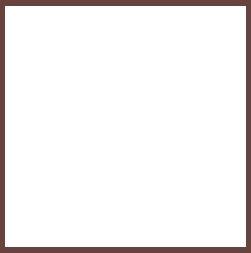
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 103, 67, 61 Background



This preview shows how black text looks on a background with the RGB color 103, 67, 61.



This preview shows how white text looks on a background with the RGB color 103, 67, 61.

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
103, 67, 61

Protanopia
80, 76, 65

Deuteranopia
89, 73, 60

Tritanopia
104, 66, 71

Trichromacy

Original Color
103, 67, 61

Protanomaly
88, 73, 64

Deuteranomaly
94, 71, 60

Tritanomaly
104, 66, 67

Monochromacy

Original Color
103, 67, 61

Achromatopsia
77, 77, 77

Achromatomaly
86, 73, 71

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 67, 61 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(103, 67, 61) looks like.

```
.text, #text, p{
    color:rgb(103, 67, 61)
}
```

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(103, 67, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 67, 61) }
```

Border

The CSS property to change the border of an element to RGB 103, 67, 61 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(103, 67, 61) }
```

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

```
.border{ border-color:rgb(103, 67, 61) }
```

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

Here you see how a box with a 4 pixel rgb(103, 67, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 67, 61); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 67, 61); box-shadow:4px 4px 4px 4px rgb(103, 67, 61) }
```

Background

The CSS property to change the background color of an element to RGB 103, 67, 61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(103, 67, 61) }
```

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

```
.background{ background-color:rgb(103, 67,
61) }
```

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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