

Converting Colors

RGB(113, 103, 106)

Have a look what the booklet for
RGB(113, 103, 106) contains.

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Color

RGB(113, 103, 106)

Conversions

Conversions Part 1

Format	Color
Hex	71676A
RGB	113, 103, 106
RGB Percent	44%, 40%, 42%
CMY	0.5569, 0.5961, 0.5843
CMYK	0.00, 0.09, 0.06, 0.56
HSL	342°, 5%, 42%
HSV	342°, 9%, 44%
XYZ	14.2618, 14.2518, 15.6349
YIQ	106.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

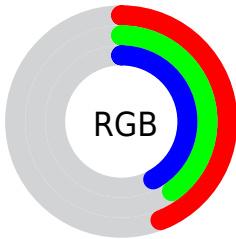
Format	Color
R _Y B	113, 103, 106
Decimal	7432042
CIE Lab	44.59, 4.52, -0.26
CIE LCh	45, 4.530, 356.684
Yxy	14.2518, 0.3230, 0.3228
Android (android.graphics.Color)	4285622122 (0xFF71676A)
YUV	106.3320, -0.1637, 5.8478
Hunter-Lab	37.7516, 1.3686, 1.8711

Details

The RGB color **113, 103, 106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103, 113, 110**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **165, 154, 157**, and **65, 56, 59** is the 20% darker color. If you saturate the color by 10%, you get **113, 92, 98**, and if you desaturate by 10%, it is **113, 114, 114**.

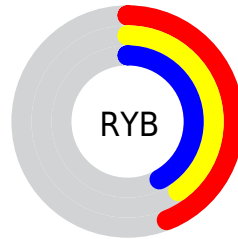
Distribution



Red (44%)

Green (40%)

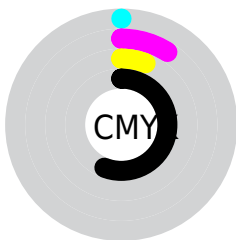
Blue (42%)



Red (44%)

Yellow (40%)

Blue (42%)

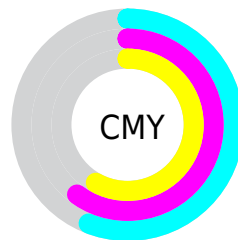


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 103, 106 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 113, 103, 106 by changing the saturation by 10% instead.

■ 113, 103, 106

255, 255, 255

■ 165, 154, 157

■ 192, 181, 184

■ 220, 208, 212

■ 248, 237, 240

■ 113, 103, 106

■ 89, 79, 82

■ 65, 56, 59

■ 43, 35, 37

■ 23, 13, 16

■ 0, 0, 0

■ 113, 103, 106

■ 113, 92, 98

■ 113, 80, 90

■ 113, 69, 82

■ 113, 103, 106

■ 113, 114, 114

■ 113, 126, 122

■ 113, 137, 130

■ 113, 58, 74

■ 113, 148, 138

■ 113, 47, 66

■ 113, 160, 146

■ 113, 35, 59

■ 113, 171, 153

■ 113, 24, 51

■ 113, 182, 161

■ 113, 13, 43

■ 113, 193, 169

■ 113, 1, 35

■ 113, 205, 177

Harmonies

Analogous

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



110, 104, 110



113, 103, 106



114, 103, 102

Triad

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



113, 103, 106



105, 106, 99



98, 107, 112

Complementary

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



113, 103, 106



103, 113, 110

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.



96, 108, 109



113, 103, 106



101, 107, 101

Square

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



113, 103, 106



109, 105, 98



97, 108, 105



101, 106, 113

Rectangle

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



113, 103, 106



113, 104, 100



97, 108, 105



97, 107, 111

Sweetspot

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



113, 103, 106



148, 143, 145



110, 103, 113



74, 71, 72



201, 201, 201



74, 74, 74

Same Dimension

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



113, 103, 106



148, 132, 137



113, 105, 103



56, 50, 52



120, 0, 36



247, 0, 74

Inverse Universe

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



113, 103, 106



148, 132, 137



103, 111, 113



56, 50, 52



120, 0, 36



247, 0, 74

Previews

White Background



This preview shows how the RGB color 113, 103, 106 looks on a white background.

Color Contrast Check

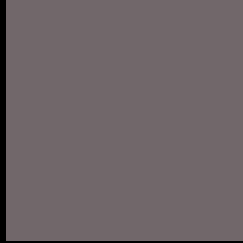
Large Text (above 18pt) WCAG AA ✓ Pass

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 113, 103, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

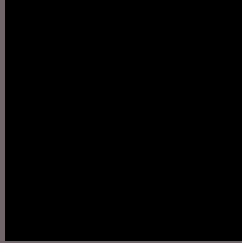
Any Text WCAG AA × Fail

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 113, 103, 106 Background



This preview shows how black text looks on a background with the RGB color 113, 103, 106.



This preview shows how white text looks on a background with the RGB color 113, 103, 106.

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


[113](#), [103](#), [106](#)

Protanopia

[107](#), [105](#), [107](#)

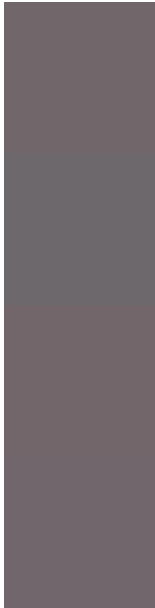
Deuteranopia

[115](#), [102](#), [106](#)



Tritanopia
114, 102, 110

Trichromacy



Original Color

113, 103, 106

Protanomaly

109, 104, 107

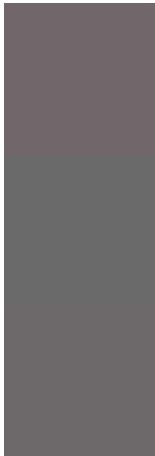
Deuteranomaly

114, 102, 106

Tritanomaly

114, 102, 109

Monochromacy



Original Color

113, 103, 106

Achromatopsia

106, 106, 106

Achromatomaly

109, 105, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 103, 106 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(113, 103, 106) looks like.

```
.text, #text, p{  
    color:rgb(113, 103, 106)  
}
```

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(113, 103, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 103, 106) }
```

Border

The CSS property to change the border of an element to RGB 113, 103, 106 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(113, 103, 106) }
```

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

```
.border{ border-color:rgb(113, 103, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 103, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 103, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 103, 106);  
box-shadow:4px 4px 4px 4px rgb(113, 103,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 113, 103, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 103, 106) }
```

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

```
.background{ background-color: rgb(113,  
103, 106) }
```

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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