

Converting Colors

YUV(107.8280, -5.8312, 3.6588)

Have a look what the booklet for
YUV(107.8280, -5.8312, 3.6588)
contains.

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Color

**YUV(107.8280, -5.8312,
3.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	706C60
RGB	112, 108, 96
RGB Percent	44%, 42%, 38%
CMY	0.5608, 0.5765, 0.6235
CMYK	0.00, 0.04, 0.14, 0.56
HSL	45°, 8%, 41%
HSV	45°, 14%, 44%
XYZ	14.1560, 15.0144, 13.2183
YIQ	107.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

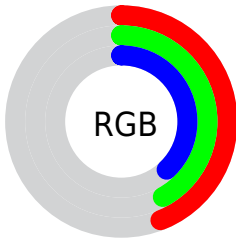
Format	Color
R_{YB}	101, 112, 96
Decimal	7367776
CIE Lab	45.65, -0.71, 7.27
CIE LCh	46, 7.304, 95.612
Yxy	15.0144, 0.3340, 0.3542
Android (android.graphics.Color)	4285557856 (0xFF706C60)
YUV	107.8280, -5.8312, 3.6588
Hunter-Lab	38.7484, -2.5983, 6.8982

Details

The YUV color **107.8280, -5.8312, 3.6588** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.1720, 5.8312, -3.6588**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0130, -6.4154, 4.3736**, and **60.6430, -5.2470, 2.9441** is the 20% darker color. If you saturate the color by 10%, you get **104.8130, -9.7678, 6.3030**, and if you desaturate by 10%, it is **110.8430, -1.8946, 1.0147**.

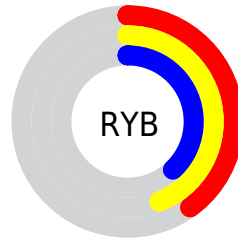
Distribution



Red (44%)

Green (42%)

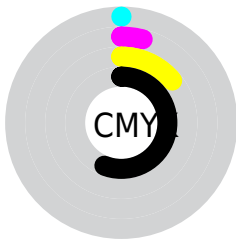
Blue (38%)



Red (40%)

Yellow (44%)

Blue (38%)

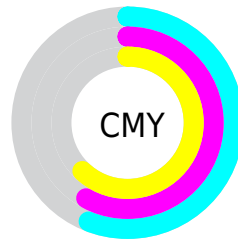


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8280, -5.8312, 3.6588 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 YUV color 107.8280, -5.8312, 3.6588 by changing the saturation by 10% instead.

■ 107.8280, -5.8312,
3.6588

■ 107.8280, -5.8312,
3.6588

255.0000, 0.0000,
0.0000

■ 83.8280, -5.8312,
3.6588

■ 159.0130, -6.4154,
4.3736

■ 60.6430, -5.2470,
2.9441

■ 186.0130, -6.4154,
4.3736

■ 38.7570, -4.8102,
2.8441

■ 213.8990, -6.8522,
4.4736

■ 17.4860, -7.1416,
3.9588

■ 241.8990, -6.8522,
4.4736

■ 0.0000, 0.0000,
0.0000

■ 107.8280, -5.8312,

■ 107.8280, -5.8312,

3.6588

3.6588

■ 104.8130, -9.7678,
6.3030

■ 110.8430, -1.8946,
1.0147

■ 101.7980,
-13.7044, 8.9472

■ 113.8580, 2.0420,
-1.6295

■ 99.2560, -18.3672,
11.1765

■ 116.4000, 6.7048,
-3.8588

■ 96.2410, -22.3038,
13.8206

■ 119.4150, 10.6414,
-6.5030

■ 93.2260, -26.2404,
16.4648

■ 122.4300, 14.5780,
-9.1471

■ 90.2110, -30.1770,
19.1090

■ 125.4450, 18.5146,
-11.7913

■ 87.1960, -34.1136,
21.7531

■ 128.4600, 22.4512,
-14.4354

■ 84.6540, -38.7764,
23.9824

■ 131.0020, 27.1140,
-16.6648

■ 82.7960, -40.8184,
25.6119

■ 134.0170, 31.0506,
-19.3089

Harmonies

Analogous

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



108.5620, -5.7001, 8.2771



107.8280, -5.8312, 3.6588



107.1370, -4.5045, -1.8741

Triad

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



107.8280, -5.8312, 3.6588



106.0740, 4.4005, -11.4659



109.5000, 1.7255, 6.5775

Complementary

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



107.8280, -5.8312, 3.6588



100.1720, 5.8312, -3.6588

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.



108.8630, 4.5045, 1.8741



107.8280, -5.8312, 3.6588



107.1390, 5.8475, -8.8919

Square

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



107.8280, -5.8312, 3.6588



106.2760, 1.3429, -10.7661



107.8730, 5.9786, -4.2736



109.4250, -1.1955, 10.1513

Rectangle

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



107.8280, -5.8312, 3.6588



106.5710, -2.7465, -5.7628



107.8730, 5.9786, -4.2736



109.1300, 2.8939, 5.1480

Sweetspot

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



107.8280, -5.8312, 3.6588



143.8430, -1.8946, 1.0147



101.2400, -0.6113, 9.4365



72.9570, -1.4578, 0.9147



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



107.8280, -5.8312, 3.6588



138.7420, -8.7468, 5.4883



108.9800, -6.3991, -0.8595



54.7290, -2.3314, 1.1147



88.7100, -43.7340, 27.4413



183.0350, -90.2363, 56.0973

Inverse Universe

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



100.1720, 5.8312, -3.6588



127.2580, 8.7468, -5.4883



99.0200, 6.3991, 0.8595



51.8580, 2.0420, -1.6295



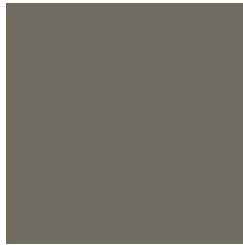
31.2900, 43.7340, -27.4413



64.5520, 89.9469, -56.6121

Previews

White Background



This preview shows how the YUV color 107.8280, -5.8312, 3.6588 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 YUV color 107.8280, -5.8312, 3.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

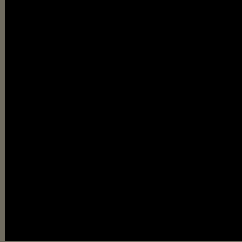
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.8280, -5.8312, 3.6588

Background



This preview shows how black text looks on a background with the YUV color 107.8280, -5.8312, 3.6588.



This preview shows how white text looks on a background with the YUV color 107.8280, -5.8312,

3.6588.

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

107.8280, -5.8312, 3.6588

Protanopia

108.1270, -5.9786, 4.2736

Deuteranopia

108.8830, -5.8583, 12.3806



Tritanopia

108.7170, 2.6045, 4.6332

Trichromacy



Original Color

107.8280, -5.8312, 3.6588

Protanomaly

108.1270, -5.9786, 4.2736

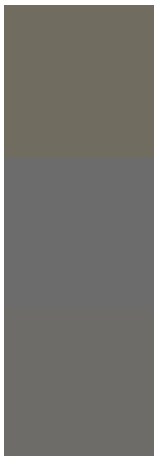
Deuteranomaly

108.2740, -5.5581, 9.4067

Tritanomaly

108.2070, -0.5951, 4.2035

Monochromacy



Original Color

107.8280, -5.8312, 3.6588

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8280, -5.8312, 3.6588 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(112, 108, 96)` looks like.

```
.text, #text, p{  
    color:rgb(112, 108, 96)  
}
```

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(112, 108, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 108, 96) }
```

Border

The CSS property to change the border of an element to YUV 107.8280, -5.8312, 3.6588 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(112, 108, 96) }
```


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

```
.border{ border-color:rgb(112, 108, 96) }
```

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

Here you see how a box with a 4 pixel rgb(112, 108, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(112, 108,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 107.8280, -5.8312, 3.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 108, 96) }
```

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

```
.background{ background-color: rgb(112,  
108, 96) }
```

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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