

Converting Colors

YUV(107.6690, -18.0778,
11.6913)

Have a look what the booklet for
YUV(107.6690, -18.0778, 11.6913)
contains.

YUV(107.6690, -18.0778, 11.6913)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.6690, -18.0778,
11.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	796C47
RGB	121, 108, 71
RGB Percent	47%, 42%, 28%
CMY	0.5255, 0.5765, 0.7216
CMYK	0.00, 0.11, 0.41, 0.53
HSL	44°, 26%, 38%
HSV	44°, 41%, 47%
XYZ	14.3851, 15.2450, 8.1456
YIQ	107.6690, 19.6250, -8.7510

Conversions

Conversions Part 2

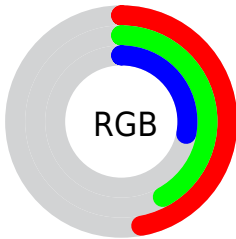
Format	Color
R_{YB}	89, 121, 71
Decimal	7957575
CIE Lab	45.97, -0.65, 22.57
CIE LCh	46, 22.578, 91.639
Yxy	15.2450, 0.3808, 0.4036
Android (android.graphics.Color)	4286147655 (0xFF796C47)
YUV	107.6690, -18.0778, 11.6913
Hunter-Lab	39.0449, -2.5649, 14.9622

Details

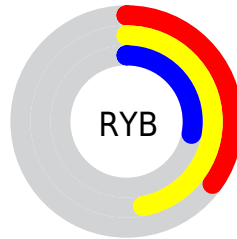
The YUV color **107.6690, -18.0778, 11.6913** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **84.3310, 18.0778, -11.6913**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0390, -19.2462, 13.1208**, and **60.0000, -16.7620, 9.6470** is the 20% darker color. If you saturate the color by 10%, you get **104.5400, -22.4512, 14.4354**, and if you desaturate by 10%, it is **110.7980, -13.7044, 8.9472**.

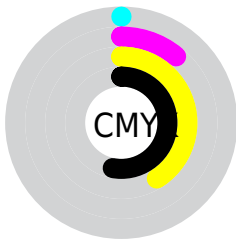
Distribution



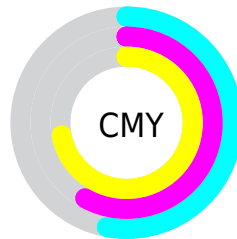
- Red (47%)
- Green (42%)
- Blue (28%)



- Red (35%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6690, -18.0778, 11.6913 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 107.6690, -18.0778, 11.6913 by changing the saturation by 10% instead.

■ 107.6690,
-18.0778, 11.6913

■ 107.6690,
-18.0778, 11.6913

■ 255.0000, 0.0000,
0.0000

■ 83.4840, -17.4936,
10.9765

■ 159.0390,
-19.2462, 13.1208

■ 60.0000, -16.7620,
9.6470

■ 186.2240,
-19.8304, 13.8356

■ 37.4730, -17.4882,
9.2322

■ 213.9960,
-20.7040, 14.0355

■ 18.6280, -9.1836,
5.5882

■ 241.0990,
-20.2618, 12.1912

■ 0.0000, 0.0000,
0.0000

■ 251.9220,
-11.7935, 2.6994

■ 107.6690,
-18.0778, 11.6913

■ 107.6690,
-18.0778, 11.6913

■ 104.5400,
-22.4512, 14.4354

■ 110.7980,
-13.7044, 8.9472

■ 101.4110,
-26.8246, 17.1796

■ 113.9270, -9.3310,
6.2030

■ 98.2820, -31.1980,
19.9237

■ 117.0560, -4.9576,
3.4589

■ 94.5660, -35.2820,
23.1826

■ 120.7720, -0.8736,
0.2000

■ 91.4370, -39.6554,
25.9268

■ 124.0150, 3.9366,
-2.6442

■ 89.0090, -43.8814,
28.0561

■ 127.1440, 8.3100,
-5.3883

■ 130.2730, 12.6834,
-8.1324

■ 133.4020, 17.0568,

-10.8766

■ 136.5310, 21.4302,
-13.6207

Harmonies

Analogous

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



109.5010, -16.5160, 24.1166



107.6690, -18.0778, 11.6913



105.7810, -14.6820, -4.1929

Triad

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



107.6690, -18.0778, 11.6913



98.1990, 14.6919, -45.7785



112.0700, 7.3605, 19.2326

Complementary

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



107.6690, -18.0778, 11.6913



84.3310, 18.0778, -11.6913

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.



110.9090, 14.8349, 1.8338



107.6690, -18.0778, 11.6913



101.6220, 19.9064, -38.2565

Square

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



107.6690, -18.0778, 11.6913



99.6210, 4.6238, -36.5016



106.6290, 19.4099, -18.9686



111.5460, -1.2552, 29.3392

Rectangle

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



107.6690, -18.0778, 11.6913



103.4960, -9.1185, -15.3440



106.6290, 19.4099, -18.9686



111.4330, 10.1395, 14.5293

Sweetspot

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



107.6690, -18.0778, 11.6913



152.8990, -6.8522, 4.4736



87.4320, -1.6920, 29.4391



75.9850, -3.9366, 2.6442



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



107.6690, -18.0778, 11.6913



137.2540, -28.7192, 18.1942



111.7120, -20.0710, -2.3784



59.7290, -2.3314, 1.1147



91.3790, -45.0498, 29.4856



185.1170, -91.2627, 58.6564

Inverse Universe

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



84.3310, 18.0778, -11.6913



100.3330, 28.4298, -18.7090



80.2880, 20.0710, 2.3784



56.8580, 2.0420, -1.6295



33.0340, 45.3392, -28.9708



67.4700, 90.9733, -59.1712

Previews

White Background



This preview shows how the YUV color 107.6690, -18.0778, 11.6913 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 107.6690, -18.0778, 11.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

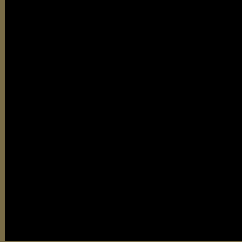
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.6690, -18.0778, 11.6913

Background



This preview shows how black text looks on a background with the YUV color 107.6690, -18.0778, 11.6913.



This preview shows how white text looks on a background with the YUV color 107.6690, -18.0778, 11.6913.

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

107.6690, -18.0778, 11.6913

Protanopia

107.3590, -17.9250, 9.3322

Deuteranopia

108.4250, -17.9575, 19.7983



Tritanopia

110.4900, 0.2514, 12.7253

Trichromacy



Original Color

107.6690, -18.0778, 11.6913

Protanomaly

107.6580, -18.0724, 9.9469

Deuteranomaly

107.8160, -17.6573, 16.8244

Tritanomaly

109.6550, -6.7319, 12.5806

Monochromacy



Original Color

107.6690, -18.0778, 11.6913

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6690, -18.0778, 11.6913 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(121, 108, 71)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 71)  
}
```

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(121, 108, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 71) }
```

Border

The CSS property to change the border of an element to YUV 107.6690, -18.0778, 11.6913 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(121, 108, 71) }
```


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

```
.border{ border-color:rgb(121, 108, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 108, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 108, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 108, 71);  
box-shadow:4px 4px 4px 4px rgb(121, 108,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 107.6690, -18.0778, 11.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 71) }
```

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

```
.background{ background-color: rgb(121,  
108, 71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor