

Converting Colors

YUV(108.7700, -11.2256,
7.2177)

Have a look what the booklet for
YUV(108.7700, -11.2256, 7.2177)
contains.

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Color

**YUV(108.7700, -11.2256,
7.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	756D56
RGB	117, 109, 86
RGB Percent	46%, 43%, 34%
CMY	0.5412, 0.5725, 0.6627
CMYK	0.00, 0.07, 0.26, 0.54
HSL	45°, 15%, 40%
HSV	45°, 26%, 46%
XYZ	14.4845, 15.3911, 11.0115
YIQ	108.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

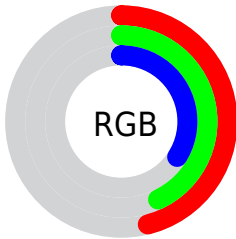
Format	Color
R_{YB}	97, 117, 86
Decimal	7695702
CIE Lab	46.17, -0.88, 14.00
CIE LCh	46, 14.029, 93.612
Yxy	15.3911, 0.3543, 0.3764
Android (android.graphics.Color)	4285885782 (0xFF756D56)
YUV	108.7700, -11.2256, 7.2177
Hunter-Lab	39.2315, -2.7519, 10.8205

Details

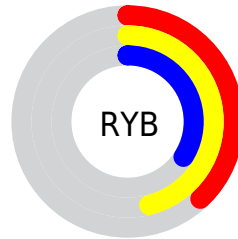
The YUV color **108.7700, -11.2256, 7.2177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.2300, 11.2256, -7.2177**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9550, -11.8098, 7.9325**, and **61.4000, -10.0572, 5.7882** is the 20% darker color. If you saturate the color by 10%, you get **105.6410, -15.5990, 9.9618**, and if you desaturate by 10%, it is **111.8990, -6.8522, 4.4736**.

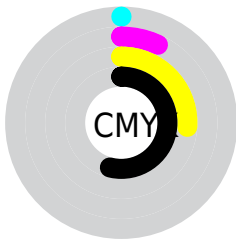
Distribution



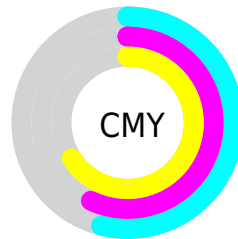
- Red (46%)
- Green (43%)
- Blue (34%)



- Red (38%)
- Yellow (46%)
- Blue (34%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7700, -11.2256, 7.2177 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 108.7700, -11.2256, 7.2177 by changing the saturation by 10% instead.

■ 108.7700,
-11.2256, 7.2177

■ 108.7700,
-11.2256, 7.2177

■ 255.0000, 0.0000,
0.0000

■ 84.5850, -10.6414,
6.5030

■ 159.9550,
-11.8098, 7.9325

■ 61.4000, -10.0572,
5.7882

■ 187.1400,
-12.3940, 8.6472

■ 39.5140, -9.6204,
5.6882

■ 215.0260,
-12.8308, 8.7472

■ 18.6280, -9.1836,
5.5882

■ 243.3250,
-12.9782, 9.3620

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,
0.9998

■ 108.7700,
-11.2256, 7.2177

■ 108.7700,
-11.2256, 7.2177

■ 105.6410,
-15.5990, 9.9618

■ 111.8990, -6.8522,
4.4736

■ 102.6260,
-19.5356, 12.6060

■ 114.9140, -2.9156,
1.8294

■ 99.4970, -23.9090,
15.3501

■ 118.0430, 1.4578,
-0.9147

■ 96.3680, -28.2824,
18.0943

■ 121.1720, 5.8312,
-3.6588

■ 93.3530, -32.2190,
20.7384

■ 124.3010, 10.2046,
-6.4030

■ 90.2240, -36.5924,
23.4826

■ 127.3160, 14.1412,
-9.0471

■ 87.0950, -40.9658,
26.2267

■ 130.4450, 18.5146,
-11.7913

■ 86.0520, -42.4236,

■ 133.5740, 22.8880,

27.1414

-14.5354

■ 136.5890, 26.8246,
-17.1796

Harmonies

Analogous

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



109.7540, -10.2317, 15.1247



108.7700, -11.2256, 7.2177



107.6870, -8.7197, -3.2335

Triad

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



108.7700, -11.2256, 7.2177



105.0230, 8.3697, -24.5762



111.8150, 4.0352, 12.4402

Complementary

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



108.7700, -11.2256, 7.2177



94.2300, 11.2256, -7.2177

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.



110.7150, 9.0145, 2.0039



108.7700, -11.2256, 7.2177



106.2670, 11.7004, -19.5282

Square

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



108.7700, -11.2256, 7.2177



104.8510, 2.5385, -20.9173



109.0340, 11.8152, -9.6768



111.3660, -1.6594, 18.9730

Rectangle

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



108.7700, -11.2256, 7.2177



106.1530, -5.4984, -9.7812



109.0340, 11.8152, -9.6768



110.9610, 5.9352, 9.6812

Sweetspot

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



108.7700, -11.2256, 7.2177



149.8710, -4.3734, 2.7441



96.1810, -1.0752, 18.2583



74.9140, -2.9156, 1.8294



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



108.7700, -11.2256, 7.2177



139.7830, -17.6410, 11.5913



111.3730, -12.5089, -1.2041



57.1420, -2.0420, 1.6295



89.8950, -44.3182, 28.1561



183.3450, -90.3891, 58.4564

Inverse Universe

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



94.2300, 11.2256, -7.2177



117.2170, 17.6410, -11.5913



91.6270, 12.5089, 1.2041



54.2710, 2.3314, -1.1147



32.6920, 44.0288, -28.6709



66.0680, 90.6785, -57.9416

Previews

White Background



This preview shows how the YUV color 108.7700, -11.2256, 7.2177 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 108.7700, -11.2256, 7.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

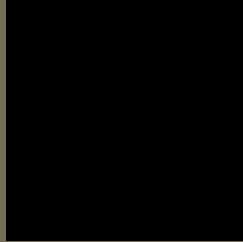
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.7700, -11.2256, 7.2177

Background



This preview shows how black text looks on a background with the YUV color 108.7700, -11.2256, 7.2177.



This preview shows how white text looks on a background with the YUV color 108.7700, -11.2256, 7.2177.

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

108.7700, -11.2256, 7.2177

Protanopia

108.4710, -11.0782, 6.6029

Deuteranopia

109.8250, -11.2527, 15.9395



Tritanopia

110.3970, 1.2833, 8.4218

Trichromacy



Original Color

108.7700, -11.2256, 7.2177

Protanomaly

108.4710, -11.0782, 6.6029

Deuteranomaly

109.2160, -10.9525, 12.9656

Tritanomaly

109.5450, -3.2267, 8.2920

Monochromacy



Original Color

108.7700, -11.2256, 7.2177

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7700, -11.2256, 7.2177 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(117, 109, 86)` looks like.

```
.text, #text, p{  
    color:rgb(117, 109, 86)  
}
```

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(117, 109, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 109, 86) }
```

Border

The CSS property to change the border of an element to YUV 108.7700, -11.2256, 7.2177 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(117, 109, 86) }
```


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

```
.border{ border-color:rgb(117, 109, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 109, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 109, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 109, 86);  
box-shadow:4px 4px 4px 4px rgb(117, 109,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 108.7700, -11.2256, 7.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 109, 86) }
```

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

```
.background{ background-color: rgb(117,  
109, 86) }
```

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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