

Converting Colors

YUV(103.7700, -11.2256,
7.2177)

Have a look what the booklet for
YUV(103.7700, -11.2256, 7.2177)
contains.

YUV(103.7700, -11.2256, 7.2177)	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(103.7700, -11.2256,
7.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	706851
RGB	112, 104, 81
RGB Percent	44%, 41%, 32%
CMY	0.5608, 0.5922, 0.6824
CMYK	0.00, 0.07, 0.28, 0.56
HSL	45°, 16%, 38%
HSV	45°, 28%, 44%
XYZ	13.1176, 13.9395, 9.7838
YIQ	103.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

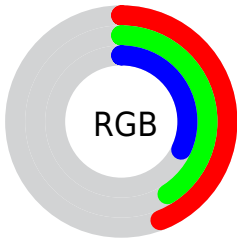
Format	Color
R_{YB}	92, 112, 81
Decimal	7366737
CIE Lab	44.15, -0.86, 14.12
CIE LCh	44, 14.146, 93.486
Yxy	13.9395, 0.3561, 0.3784
Android (android.graphics.Color)	4285556817 (0xFF706851)
YUV	103.7700, -11.2256, 7.2177
Hunter-Lab	37.3356, -2.6225, 10.5980

Details

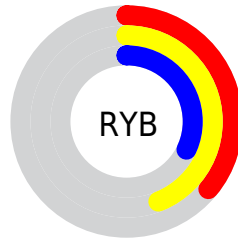
The YUV color **103.7700, -11.2256, 7.2177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.2300, 11.2256, -7.2177**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8410, -12.2466, 8.0324**, and **56.6990, -10.2046, 6.4030** is the 20% darker color. If you saturate the color by 10%, you get **100.7550, -15.1622, 9.8619**, and if you desaturate by 10%, it is **106.7850, -7.2890, 4.5736**.

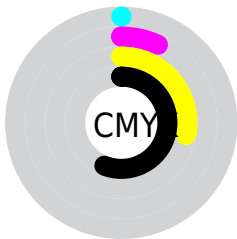
Distribution



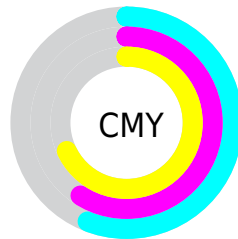
- Red (44%)
- Green (41%)
- Blue (32%)



- Red (36%)
- Yellow (44%)
- Blue (32%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (56%)



- Cyan (56%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7700, -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 103.7700, -11.2256, 7.2177 by changing the saturation by 10% instead.

■ 103.7700,
-11.2256, 7.2177

■ 103.7700,
-11.2256, 7.2177

■ 255.0000, 0.0000,
0.0000

■ 79.5850, -10.6414,
6.5030

■ 154.8410,
-12.2466, 8.0324

■ 56.6990, -10.2046,
6.4030

■ 181.8410,
-12.2466, 8.0324

■ 35.1010, -9.9098,
5.1734

■ 209.0260,
-12.8308, 8.7472

■ 14.4860, -7.1416,
3.9588

■ 237.9120,
-13.2676, 8.8472

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,
1.5996

■ 103.7700,
-11.2256, 7.2177

■ 103.7700,
-11.2256, 7.2177

■ 100.7550,
-15.1622, 9.8619

■ 106.7850, -7.2890,
4.5736

■ 97.7400, -19.0988,
12.5060

■ 109.8000, -3.3524,
1.9294

■ 94.6110, -23.4722,
15.2502

■ 112.9290, 1.0210,
-0.8147

■ 91.5960, -27.4088,
17.8943

■ 115.9440, 4.9576,
-3.4589

■ 89.1680, -31.6348,
20.0237

■ 118.3720, 9.1836,
-5.5882

■ 86.1530, -35.5714,
22.6678

■ 121.3870, 13.1202,
-8.2324

■ 83.1380, -39.5080,
25.3120

■ 124.4020, 17.0568,
-10.8766

■ 82.2090, -40.5290,

■ 127.5310, 21.4302,

26.1267

-13.6207

■ 130.5460, 25.3668,
-16.2648

Harmonies

Analogous

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



104.7540, -10.2317, 15.1247



103.7700, -11.2256, 7.2177



102.6870, -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.



103.7700, -11.2256, 7.2177



100.0230, 8.3697, -24.5762



106.8150, 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.



103.7700, -11.2256, 7.2177



89.2300, 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.



105.7150, 9.0145, 2.0039



103.7700, -11.2256, 7.2177



101.2670, 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.



103.7700, -11.2256, 7.2177



99.5520, 2.6859, -21.5321



104.0340, 11.8152, -9.6768



106.3660, -1.6594, 18.9730

Rectangle

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



103.7700, -11.2256, 7.2177



101.1530, -5.4984, -9.7812



104.0340, 11.8152, -9.6768



105.9610, 5.9352, 9.6812

Sweetspot

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



103.7700, -11.2256, 7.2177



141.9850, -3.9366, 2.6442



91.1810, -1.0752, 18.2583



72.0280, -2.4788, 1.7294



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.



103.7700, -11.2256, 7.2177



132.4840, -17.4936, 10.9765



106.3730, -12.5089, -1.2041



54.7290, -2.3314, 1.1147



88.1230, -43.4446, 27.9561



181.8610, -89.6575, 57.1269

Inverse Universe

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



89.2300, 11.2256, -7.2177



110.1030, 17.2042, -11.4913



86.6270, 12.5089, 1.2041



51.8580, 2.0420, -1.6295



31.8770, 43.4446, -27.9561



65.7260, 89.3681, -57.6417

Previews

White Background



This preview shows how the YUV color 103.7700, -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 103.7700, -11.2256, 7.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

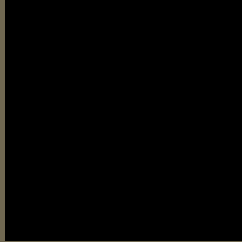
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7700, -11.2256, 7.2177

Background



This preview shows how black text looks on a background with the YUV color 103.7700, -11.2256, 7.2177.



This preview shows how white text looks on a background with the YUV color 103.7700, -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

103.7700, -11.2256, 7.2177

Protanopia

103.4710, -11.0782, 6.6029

Deuteranopia

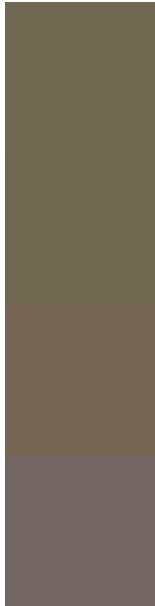
104.5260, -11.1053, 15.3247



Tritanopia

105.3970, 1.2833, 8.4218

Trichromacy



Original Color

103.7700, -11.2256, 7.2177

Protanomaly

103.4710, -11.0782, 6.6029

Deuteranomaly

103.9170, -10.8051, 12.3508

Tritanomaly

104.5450, -3.2267, 8.2920

Monochromacy



Original Color

103.7700, -11.2256, 7.2177

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7700, -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(112, 104, 81)` looks like.

```
.text, #text, p{  
    color:rgb(112, 104, 81)  
}
```

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, 104, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 104, 81) }
```

Border

The CSS property to change the border of an element to YUV 103.7700, -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(112, 104, 81) }
```


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

```
.border{ border-color:rgb(112, 104, 81) }
```

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

Here you see how a box with a 4 pixel rgb(112, 104, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 104, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 104, 81);  
box-shadow:4px 4px 4px 4px rgb(112, 104,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 103.7700, -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(112, 104, 81) }
```

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

```
.background{ background-color: rgb(112,  
104, 81) }
```

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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