

# Converting Colors

YUV(110.4380, -11.0619,  
1.3699)

Have a look what the booklet for  
YUV(110.4380, -11.0619, 1.3699)  
contains.

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# Color

**YUV(110.4380, -11.0619,  
1.3699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	707258
RGB	112, 114, 88
RGB Percent	44%, 45%, 35%
CMY	0.5608, 0.5529, 0.6549
CMYK	0.02, 0.00, 0.23, 0.55
HSL	65°, 13%, 40%
HSV	65°, 23%, 45%
XYZ	14.4609, 16.1840, 11.5942
YIQ	110.4380, 7.1540, -8.5100

# Conversions

## Conversions Part 2

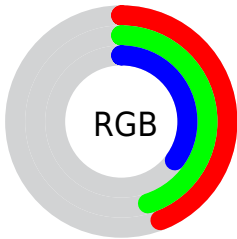
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 114, 90
Decimal	7369304
CIE <sub>Lab</sub>	47.21, -5.55, 14.20
CIE <sub>LCh</sub>	47, 15.243, 111.367
Yxy	16.1840, 0.3424, 0.3832
Android (android.graphics.Color)	4285559384 (0xFF707258)
YUV	110.4380, -11.0619, 1.3699
Hunter-Lab	40.2293, -6.2375, 11.0730

# Details

The YUV color **110.4380, -11.0619, 1.3699** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **91.5620, 11.0619, -1.3699**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2100, -11.9355, 1.5698**, and **62.6660, -10.1883, 1.1699** is the 20% darker color. If you saturate the color by 10%, you get **108.8850, -15.7193, 1.8549**, and if you desaturate by 10%, it is **111.9910, -6.4046, 0.8849**.

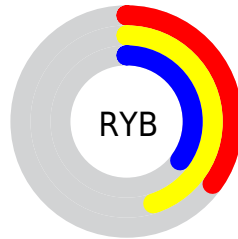
# Distribution



Red (44%)

Green (45%)

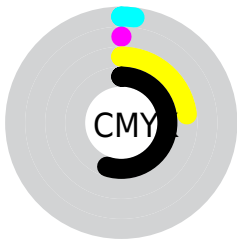
Blue (35%)



Red (35%)

Yellow (45%)

Blue (35%)

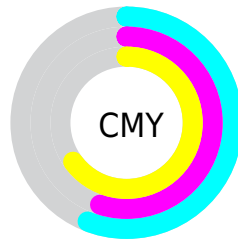


Cyan (2%)

Magenta (0%)

Yellow (23%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.4380, -11.0619, 1.3699 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 110.4380, -11.0619, 1.3699 by changing the saturation by 10% instead.



■ 110.4380,  
-11.0619, 1.3699

■ 110.4380,  
-11.0619, 1.3699

■ 255.0000, 0.0000,  
0.0000

■ 86.2530, -10.4777,  
0.6551

■ 162.2100,  
-11.9355, 1.5698

■ 62.6660, -10.1883,  
1.1699

■ 189.0960,  
-12.3723, 1.6698

■ 40.8940, -9.3147,  
0.9700

■ 216.9820,  
-12.8091, 1.7698

■ 20.6660, -10.1883,  
1.1699

■ 245.2810,  
-12.9565, 2.3846

■ 0.0000, 0.0000,  
0.0000

■ 254.2020, -3.0576,  
0.6998

■ 110.4380,  
-11.0619, 1.3699

■ 110.4380,  
-11.0619, 1.3699

■ 108.8850,  
-15.7193, 1.8549

■ 111.9910, -6.4046,  
0.8849

■ 107.2180,  
-20.8135, 2.4398

■ 113.6580, -1.3104,  
0.2999

■ 105.6650,  
-25.4708, 2.9248

■ 115.2110, 3.3470,  
-0.1850

■ 103.9980,  
-30.5650, 3.5098

■ 116.8780, 8.4411,  
-0.7700

■ 102.7440,  
-35.3698, 4.6095

■ 118.1320, 13.2459,  
-1.8698

■ 101.1910,  
-40.0272, 5.0945

■ 119.6850, 17.9033,  
-2.3547

■ 99.5240, -45.1213,  
5.6795

■ 121.3520, 22.9975,  
-2.9397

■ 98.3130, -48.4683,

■ 122.9050, 27.6548,

5.8645

-3.4247

■ 124.5720, 32.7490,  
-4.0096

# Harmonies

## Analogous

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



111.8630, -12.2575, 11.5211



110.4380, -11.0619, 1.3699



108.6260, -6.2246, -10.1960

# Triad

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



110.4380, -11.0619, 1.3699



108.2340, 11.7166, -24.7612



114.0500, 0.9614, 18.3732

# Complementary

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



110.4380, -11.0619, 1.3699



91.5620, 11.0619, -1.3699

# 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.



114.1890, 6.8088, 9.4812



110.4380, -11.0619, 1.3699



110.0440, 13.2893, -15.8246

# Square

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



110.4380, -11.0619, 1.3699



106.6700, 7.0647, -26.0206



112.6650, 11.5042, -3.2142



113.7640, -5.3067, 22.1320



# Rectangle

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



110.4380, -11.0619, 1.3699



107.9070, -2.4192, -17.4584



112.6650, 11.5042, -3.2142



114.4950, 2.7140, 16.2289

# Sweetspot

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



110.4380, -11.0619, 1.3699



146.5610, -4.2206, 0.3850



96.9480, -4.4114, 14.9546



73.0170, -2.4734, -0.0149



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.



110.4380, -11.0619, 1.3699



142.5430, -17.0297, 2.1548



106.5510, -9.1456, -6.6222



55.3160, -2.6208, 0.5999



103.6290, -51.0891, 6.4644



213.1610, -105.0884, 13.0138



# Inverse Universe

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



91.5620, 11.0619, -1.3699



113.4570, 17.0297, -2.1548



95.4490, 9.1456, 6.6222



50.9830, 2.4734, 0.0149



16.3710, 51.0891, -6.4644



33.8390, 105.0884, -13.0138



# Previews

## White Background



This preview shows how the YUV color 110.4380, -11.0619, 1.3699 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 110.4380, -11.0619, 1.3699 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

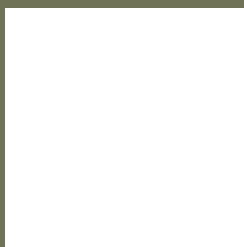
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 110.4380, -11.0619, 1.3699

## Background



This preview shows how black text looks on a background with the YUV color 110.4380, -11.0619, 1.3699.



This preview shows how white text looks on a background with the YUV color 110.4380, -11.0619, 1.3699.



# 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

110.4380, -11.0619, 1.3699

### Protanopia

111.2430, -11.9518, 6.8029

### Deuteranopia

111.8250, -11.2527, 15.9395



## Tritanopia

112.8200, 3.0467, 2.7889

# Trichromacy



## Original Color

110.4380, -11.0619, 1.3699

## Protanomaly

110.9330, -11.7990, 4.4438

## Deuteranomaly

111.4930, -11.0890, 10.0916

## Tritanomaly

111.8540, -1.9000, 2.7590

# Monochromacy



## Original Color

110.4380, -11.0619, 1.3699

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

109.9740, -3.9312, 0.8998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.4380, -11.0619, 1.3699 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, 114, 88)` looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 88)  
}
```

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, 114, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 88) }
```

## Border

The CSS property to change the border of an element to YUV 110.4380, -11.0619, 1.3699 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, 114, 88) }
```



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

```
.border{ border-color:rgb(112, 114, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 88);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
88) }
```

# Background

The CSS property to change the background color of an element to YUV 110.4380, -11.0619, 1.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 88) }
```

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

```
.background{ background-color: rgb(112,  
114, 88) }
```

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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