

Converting Colors

YUV(106.3700, -38.1434,
7.5685)

Have a look what the booklet for
YUV(106.3700, -38.1434, 7.5685)
contains.

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Color

**YUV(106.3700, -38.1434,
7.5685)**

Conversions

Conversions Part 1

Format	Color
Hex	73751D
RGB	115, 117, 29
RGB Percent	45%, 46%, 11%
CMY	0.5490, 0.5412, 0.8863
CMYK	0.02, 0.00, 0.75, 0.54
HSL	61°, 60%, 29%
HSV	61°, 75%, 46%
XYZ	13.6533, 16.4561, 3.6191
YIQ	106.3700, 27.0560, -27.7920

Conversions

Conversions Part 2

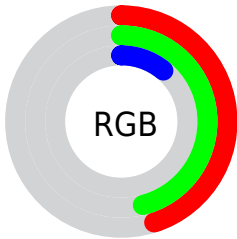
Format	Color
R_{YB}	29, 117, 31
Decimal	7566621
CIE _{Lab}	47.57, -12.14, 45.29
CIE _{LCh}	48, 46.892, 105.000
Yxy	16.4561, 0.4048, 0.4879
Android (android.graphics.Color)	4285756701 (0xFF73751D)
YUV	106.3700, -38.1434, 7.5685
Hunter-Lab	40.5662, -10.9133, 23.1067

Details

The YUV color **106.3700, -38.1434, 7.5685** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **39.6300, 38.1434, -7.5685**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8540, -38.8750, 8.8980**, and **59.6390, -29.4020, 3.8246** is the 20% darker color. If you saturate the color by 10%, you get **105.0020, -43.3850, 8.7682**, and if you desaturate by 10%, it is **107.7380, -32.9018, 6.3688**.

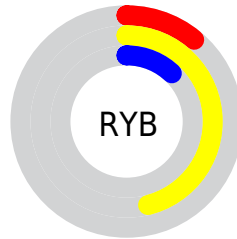
Distribution



Red (45%)

Green (46%)

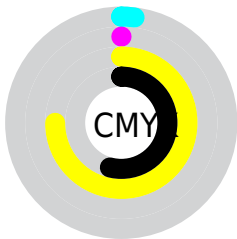
Blue (11%)



Red (11%)

Yellow (46%)

Blue (12%)

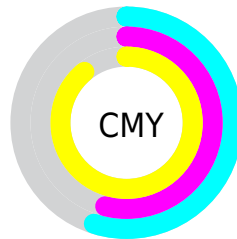


Cyan (2%)

Magenta (0%)

Yellow (75%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3700, -38.1434, 7.5685 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 106.3700, -38.1434, 7.5685 by changing the saturation by 10% instead.

■ 106.3700,
-38.1434, 7.5685

■ 106.3700,
-38.1434, 7.5685

■ 255.0000, 0.0000,
0.0000

■ 80.6150, -39.7432,
7.3536

■ 158.8540,
-38.8750, 8.8980

■ 59.6390, -29.4020,
3.8246

■ 186.3380,
-39.6066, 10.2276

■ 39.2500, -19.3502,
-0.2193

■ 214.1100,
-40.4802, 10.4275

■ 19.1380, -9.4350,
-7.1370

■ 242.8820,
-41.3538, 10.6275

■ 0.0000, 0.0000,
0.0000

■ 247.1340,
-30.1391, 6.8985

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

106.3700,
-38.1434, 7.5685

106.3700,
-38.1434, 7.5685

105.0020,
-43.3850, 8.7682

107.7380,
-32.9018, 6.3688

103.4490,
-48.0424, 9.2532

109.2910,
-28.2445, 5.8838

102.7650,
-50.6631, 9.8531

110.6590,
-23.0029, 4.6841

112.0270,
-17.7613, 3.4843

113.3950,
-12.5197, 2.2846

■ 114.9480, -7.8624,
1.7996

■ 116.3160, -2.6208,
0.5999

■ 117.6840, 2.6208,
-0.5999

■ 118.9380, 7.4256,
-1.6996

Harmonies

Analogous

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



109.5460, -38.2302, 35.4782



106.3700, -38.1434, 7.5685



101.0480, -23.1947, -27.2291

Triad

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



106.3700, -38.1434, 7.5685



95.4620, 35.7612, -83.7202



113.9740, 9.8728, 53.5198

Complementary

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



106.3700, -38.1434, 7.5685



39.6300, 38.1434, -7.5685

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.



116.3040, 25.9791, 20.7814



106.3700, -38.1434, 7.5685



93.7470, 46.9597, -82.2161

Square

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



106.3700, -38.1434, 7.5685



92.5320, 19.4577, -81.1506



108.8400, 39.5189, -28.8007



111.3440, -8.0576, 64.5963

Rectangle

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



106.3700, -38.1434, 7.5685



88.2030, -5.0301, -66.8300



108.8400, 39.5189, -28.8007



115.1130, 15.7203, 44.6279

Sweetspot

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



106.3700, -38.1434, 7.5685



148.7110, -15.1405, 2.8845



55.8990, -13.2612, 53.5856



74.1930, -9.4621, 1.5847



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.



106.3700, -38.1434, 7.5685



136.3710, -59.8359, 11.9526



93.5130, -31.8049, -18.8669



58.3160, -2.6208, 0.5999



107.4940, -52.9945, 10.9678



219.7060, -108.3151, 21.3058

Inverse Universe

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



39.6300, 38.1434, -7.5685



31.6290, 59.8359, -11.9526



52.4870, 31.8049, 18.8669



53.6840, 2.6208, -0.5999



14.8050, 52.8471, -10.3530



30.2940, 108.3151, -21.3058

Previews

White Background



This preview shows how the YUV color 106.3700, -38.1434, 7.5685 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 106.3700, -38.1434, 7.5685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

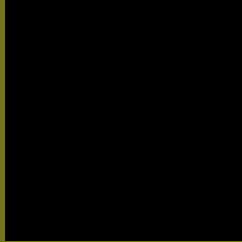
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.3700, -38.1434, 7.5685

Background



This preview shows how black text looks on a background with the YUV color 106.3700, -38.1434, 7.5685.



This preview shows how white text looks on a background with the YUV color 106.3700, -38.1434,

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

106.3700, -38.1434, 7.5685

Protanopia

107.4960, -39.1915, 17.1050

Deuteranopia

108.7300, -37.3349, 28.3008



Tritanopia

114.2120, 1.8675, 7.7071

Trichromacy



Original Color

106.3700, -38.1434, 7.5685

Protanomaly

106.8870, -38.8913, 14.1311

Deuteranomaly

108.2730, -37.6026, 20.8086

Tritanomaly

111.4280, -12.5360, 7.5176

Monochromacy



Original Color

106.3700, -38.1434, 7.5685

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0530, -13.8301, 2.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3700, -38.1434, 7.5685 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(115, 117, 29)` looks like.

```
.text, #text, p{  
    color:rgb(115, 117, 29)  
}
```

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(115, 117, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 117, 29) }
```

Border

The CSS property to change the border of an element to YUV 106.3700, -38.1434, 7.5685 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(115, 117, 29) }
```


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

```
.border{ border-color:rgb(115, 117, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 117, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 117, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 117, 29);  
box-shadow:4px 4px 4px 4px rgb(115, 117,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 106.3700, -38.1434, 7.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 117, 29) }
```

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

```
.background{ background-color: rgb(115,  
117, 29) }
```

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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