

Converting Colors

YUV(74.8600, -30.9900,
46.6038)

Have a look what the booklet for
YUV(74.8600, -30.9900, 46.6038)
contains.

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Color

**YUV(74.8600, -30.9900,
46.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	803C0C
RGB	128, 60, 12
RGB Percent	50%, 24%, 5%
CMY	0.4980, 0.7647, 0.9529
CMYK	0.00, 0.53, 0.91, 0.50
HSL	25°, 83%, 27%
HSV	25°, 91%, 50%
XYZ	10.5843, 7.8475, 1.3047
YIQ	74.8600, 55.9360, -0.5120

Conversions

Conversions Part 2

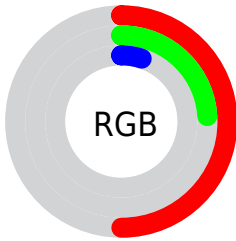
Format	Color
R _Y B	128, 94, 12
Decimal	8403980
CIE Lab	33.66, 26.49, 39.86
CIE LCh	34, 47.858, 56.395
Yxy	7.8475, 0.5363, 0.3976
Android (android.graphics.Color)	4286594060 (0xFF803C0C)
YUV	74.8600, -30.9900, 46.6038
Hunter-Lab	28.0133, 18.4196, 16.8480

Details

The YUV color **74.8600, -30.9900, 46.6038** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **65.1400, 30.9900, -46.6038**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4370, -32.7534, 52.2368**, and **29.7460, -14.6648, 37.0568** is the 20% darker color. If you saturate the color by 10%, you get **69.3830, -34.2058, 51.4071**, and if you desaturate by 10%, it is **81.0380, -27.6267, 41.1857**.

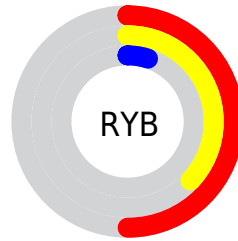
Distribution



Red (50%)

Green (24%)

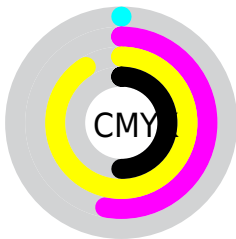
Blue (5%)



Red (50%)

Yellow (37%)

Blue (5%)

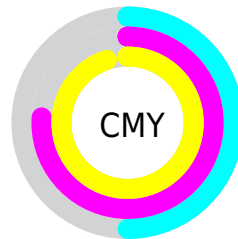


Cyan (0%)

Magenta (53%)

Yellow (91%)

Black (50%)



Cyan (50%)


Magenta (76%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.8600, -30.9900, 46.6038 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 74.8600, -30.9900, 46.6038 by changing the saturation by 10% instead.


 74.8600, -30.9900,
46.6038


 74.8600, -30.9900,
46.6038


 253.8600, -4.3680,
0.9998

 51.6190, -25.4482,
42.4301


 126.4370,
-32.7534, 52.2368


 29.7460, -14.6648,
37.0568


 152.8180,
-33.9273, 55.4106

 13.7540, -6.7807,
28.2797

 180.4870,
-35.2431, 57.4549

 0.0000, 0.0000,
0.0000

 201.9910,
-33.0266, 46.4889

 221.3910,
-29.7728, 29.4751

 241.6060,

-25.9348, 11.7465

■ 250.6680,
-16.5983, 3.7992

■ 74.8600, -30.9900,
46.6038

■ 74.8600, -30.9900,
46.6038

■ 69.3830, -34.2058,
51.4071

■ 81.0380, -27.6267,
41.1857

■ 86.6290, -23.9741,
36.2824

■ 92.6930, -21.0476,
30.9642

■ 98.2840, -17.3950,
26.0609

■ 104.4620,
-14.0318, 20.6428

■ 110.0530,
-10.3791, 15.7395

■ 116.2310, -7.0159,
10.3214

■ 121.7080, -3.8000,
5.5181

■ 127.8860, -0.4368,
0.1000

Harmonies

Analogous

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



73.7690, -12.7041, 61.5926



74.8600, -30.9900, 46.6038



74.5120, -36.7344, 22.3530

Triad

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



74.8600, -30.9900, 46.6038



64.6740, 4.1047, -56.7191



78.5820, 34.2231, -10.1574

Complementary

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



74.8600, -30.9900, 46.6038



65.1400, 30.9900, -46.6038

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.



67.5650, 43.1055, -59.2545



74.8600, -30.9900, 46.6038



69.1200, 21.1398, -60.6182

Square

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



74.8600, -30.9900, 46.6038



58.4670, -12.0622, -51.2756



70.7790, 35.1120, -62.0732



80.3120, 20.5522, 34.8064

Rectangle

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



74.8600, -30.9900, 46.6038



72.3310, -35.6592, 4.0947



70.7790, 35.1120, -62.0732



71.9210, 39.9719, -34.1337

Sweetspot

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



74.8600, -30.9900, 46.6038



145.6080, -12.1317, 17.8838



54.6640, 13.4766, 64.3157



71.5300, -7.1633, 10.9362



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



74.8600, -30.9900, 46.6038



90.1370, -44.4375, 66.5319



107.7320, -47.1959, 17.7750



60.8540, -1.9000, 2.7590



69.3830, -34.2058, 51.4071



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.1400, 30.9900, -46.6038



75.8630, 44.4375, -66.5319



32.2680, 47.1959, -17.7750



60.1460, 1.9000, -2.7590



58.6170, 34.2058, -51.4071



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 74.8600, -30.9900, 46.6038 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 ✓ Pass

Black Background



This preview shows how the YUV color 74.8600, -30.9900, 46.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

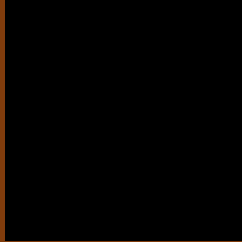
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8600, -30.9900, 46.6038

Background



This preview shows how black text looks on a background with the YUV color 74.8600, -30.9900, 46.6038.



This preview shows how white text looks on a background with the YUV color 74.8600, -30.9900,

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

74.8600, -30.9900, 46.6038

Protanopia

75.8080, -28.9923, 12.4464

Deuteranopia

74.8110, -36.8818, 22.9678



Tritanopia

78.5820, -9.1609, 45.0936

Trichromacy



Original Color

74.8600, -30.9900, 46.6038

Protanomaly

75.6570, -29.9039, 24.8568

Deuteranomaly

74.7350, -34.8724, 31.8044

Tritanomaly

76.9320, -16.7285, 45.6636

Monochromacy



Original Color

74.8600, -30.9900, 46.6038

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1240, -11.4001, 16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8600, -30.9900, 46.6038 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(128, 60, 12)` looks like.

```
.text, #text, p{  
    color:rgb(128, 60, 12)  
}
```

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(128, 60, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 60, 12) }
```

Border

The CSS property to change the border of an element to YUV 74.8600, -30.9900, 46.6038 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(128, 60, 12) }
```


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

```
.border{ border-color:rgb(128, 60, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 60, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 60, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 60, 12);  
box-shadow:4px 4px 4px 4px rgb(128, 60,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 74.8600, -30.9900, 46.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 60, 12) }
```

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

```
.background{ background-color: rgb(128, 60,  
12) }
```

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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