

# Converting Colors

YUV(61.1100, -30.1272,  
49.8925)

Have a look what the booklet for  
YUV(61.1100, -30.1272, 49.8925)  
contains.

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# Color

**YUV(61.1100, -30.1272,  
49.8925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	762C00
RGB	118, 44, 0
RGB Percent	46%, 17%, 0%
CMY	0.5373, 0.8275, 1.0000
CMYK	0.00, 0.63, 1.00, 0.54
HSL	22°, 100%, 23%
HSV	22°, 100%, 46%
XYZ	8.3719, 5.6529, 0.6499
YIQ	61.1100, 58.2280, 2.0040

# Conversions

## Conversions Part 2

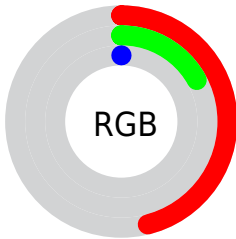
Format	Color
<a href="#">RYB</a>	<a href="#">118, 70, 0</a>
Decimal	<a href="#">7744512</a>
CIELab	<a href="#">28.52, 30.57, 39.88</a>
CIELCh	<a href="#">29, 50.247, 52.522</a>
Yxy	<a href="#">5.6529, 0.5705, 0.3852</a>
Android (android.graphics.Color)	<a href="#">4285934592 (0xFF762C00)</a>
YUV	<a href="#">61.1100, -30.1272, 49.8925</a>
Hunter-Lab	<a href="#">23.7759, 21.2452, 15.0225</a>

# Details

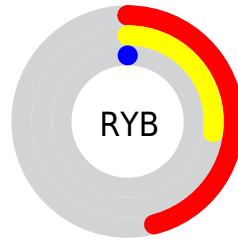
The YUV color **61.1100, -30.1272, 49.8925** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.8900, 30.1272, -49.8925**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1000, -31.6013, 56.0403**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **61.1100, -30.1272, 49.8925**, and if you desaturate by 10%, it is **66.5870, -26.9114, 45.0892**.

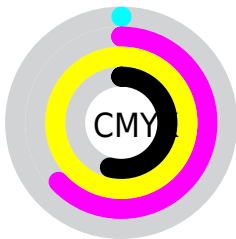
# Distribution



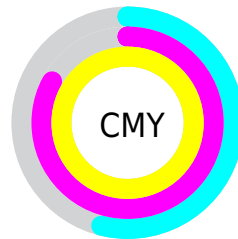
- Red (46%)
- Green (17%)
- Blue (0%)



- Red (46%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (100%)
- Black (54%)




- Cyan (54%)
- Magenta (83%)
- Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 61.1100, -30.1272, 49.8925 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 61.1100, -30.1272, 49.8925 by changing the saturation by 10% instead.





 61.1100, -30.1272,  
49.8925

 61.1100, -30.1272,  
49.8925


 252.2640,  
-10.4832, 2.3995


 38.6500, -19.0544,  
45.0340

 112.1000,  
-31.6013, 56.0403


 18.5380, -9.1392,  
38.1162

 139.0680,  
-33.0645, 58.6994

 11.4760, -5.1647,  
23.2615

 166.0360,  
-34.5277, 61.3584

 0.0000, 0.0000,  
0.0000


 190.5300,  
-33.7853, 56.5402


 209.3430,  
-30.2421, 40.0412


 229.4440,


-26.8409, 22.4126


 248.9580,  
-23.1503, 5.2988


 61.1100, -30.1272,  
49.8925

 66.5870, -26.9114,  
45.0892

 72.6510, -23.9849,  
39.7711

 78.0140, -21.2059,  
35.0677

 84.0780, -18.2795,  
29.7496

 89.5550, -15.0636,  
24.9463

■ 95.0320, -11.8478,  
20.1429

■ 101.0960, -8.9213,  
14.8248

■ 106.4590, -6.1423,  
10.1215

■ 112.5230, -3.2158,  
4.8033

# Harmonies

## Analogous

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



56.6540, -8.2104, 66.9554



61.1100, -30.1272, 49.8925



63.6030, -31.3563, 24.0272

# Triad

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



61.1100, -30.1272, 49.8925



55.1050, 0.4412, -48.3271



62.8300, 38.0448, -22.6529

# Complementary

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



61.1100, -30.1272, 49.8925



56.8900, 30.1272, -49.8925

# 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.



60.5550, 41.6314, -53.1067



61.1100, -30.1272, 49.8925



60.2520, 17.6238, -52.8410

# Square

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



61.1100, -30.1272, 49.8925



48.4420, -17.4729, -42.4836



62.8400, 32.6169, -55.1107



67.3870, 23.4732, 31.2326



# Rectangle

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



61.1100, -30.1272, 49.8925



62.3080, -30.7178, 5.8689



62.8400, 32.6169, -55.1107



55.7450, 43.5097, -48.8884

# Sweetspot

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



61.1100, -30.1272, 49.8925



130.7330, -11.7004, 19.5282



43.8320, 15.3658, 65.0453



63.2420, -7.0213, 12.0658



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.



61.1100, -30.1272, 49.8925



79.2060, -39.0486, 64.7173



95.1560, -46.9119, 20.0342



55.9680, -1.4632, 2.6591



63.4800, -31.2956, 51.3220



129.3410, -63.7651, 105.8179



# Inverse Universe

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



56.8900, 30.1272, -49.8925



73.7940, 39.0486, -64.7173



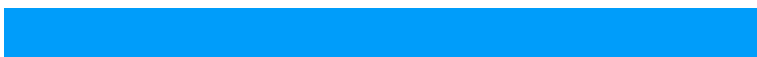
22.8440, 46.9119, -20.0342



55.4450, 1.7526, -2.1443



59.1070, 31.0062, -51.8368



120.6590, 63.7651, -105.8179



# Previews

## White Background



This preview shows how the YUV color 61.1100, -30.1272, 49.8925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

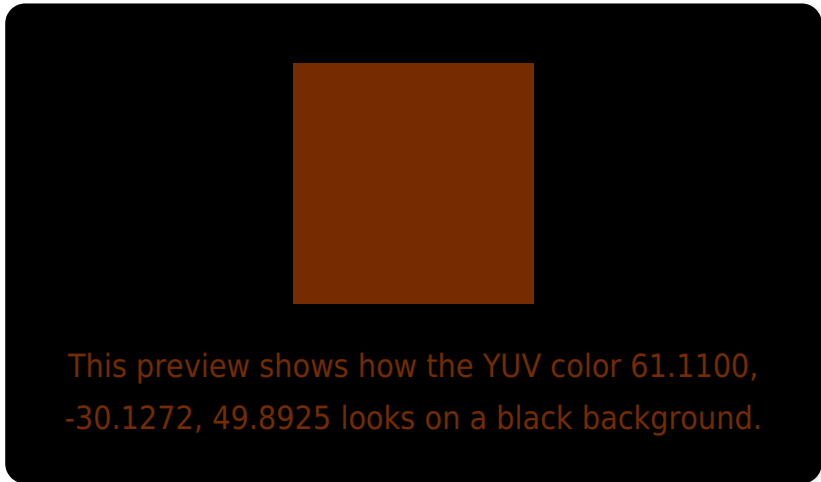
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

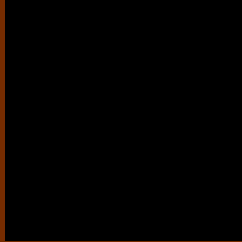
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.1100, -30.1272, 49.8925

## Background



This preview shows how black text looks on a background with the YUV color 61.1100, -30.1272, 49.8925.



This preview shows how white text looks on a background with the YUV color 61.1100, -30.1272,



# 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

61.1100, -30.1272, 49.8925

### Protanopia

64.8940, -26.0767, 10.6170

### Deuteranopia

63.8690, -31.4874, 19.4089



## Tritanopia

64.5500, -10.6241, 47.7527

# Trichromacy



## Original Color

61.1100, -30.1272, 49.8925

## Protanomaly

63.6400, -27.4305, 24.8717

## Deuteranomaly

62.7610, -30.9412, 30.9046

## Tritanomaly

63.3130, -17.9023, 48.8375

# Monochromacy



## Original Color

61.1100, -30.1272, 49.8925

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.2490, -10.9688, 18.1986

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.1100, -30.1272, 49.8925 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(118, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 44, 0)  
}
```

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(118, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 44, 0) }
```

## Border

The CSS property to change the border of an element to YUV 61.1100, -30.1272, 49.8925 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(118, 44, 0) }
```



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

```
.border{ border-color:rgb(118, 44, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 44, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 44, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 61.1100, -30.1272, 49.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 44, 0) }
```

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

```
.background{ background-color: rgb(118, 44,  
0) }
```

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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