

Converting Colors

YUV(73.6730, -27.4468,
30.1048)

Have a look what the booklet for
YUV(73.6730, -27.4468, 30.1048)
contains.

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Color

**YUV(73.6730, -27.4468,
30.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4312
RGB	108, 67, 18
RGB Percent	42%, 26%, 7%
CMY	0.5765, 0.7373, 0.9294
CMYK	0.00, 0.38, 0.83, 0.58
HSL	33°, 71%, 25%
HSV	33°, 83%, 42%
XYZ	8.3007, 7.2461, 1.5334
YIQ	73.6730, 40.1650, -6.5470

Conversions

Conversions Part 2

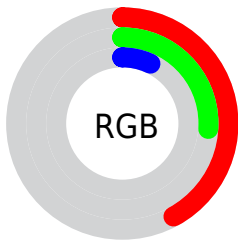
Format	Color
R_{YB}	93, 108, 18
Decimal	7095058
CIE Lab	32.36, 13.38, 35.08
CIE LCh	32, 37.548, 69.120
Yxy	7.2461, 0.4860, 0.4242
Android (android.graphics.Color)	4285285138 (0xFF6C4312)
YUV	73.6730, -27.4468, 30.1048
Hunter-Lab	26.9186, 7.9350, 15.4656

Details

The YUV color **73.6730, -27.4468, 30.1048** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **52.3270, 27.4468, -30.1048**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6520, -28.9154, 34.5082**, and **30.8320, -15.2002, 22.0723** is the 20% darker color. If you saturate the color by 10%, you get **69.4840, -30.8046, 33.7785**, and if you desaturate by 10%, it is **77.8620, -24.0890, 26.4310**.

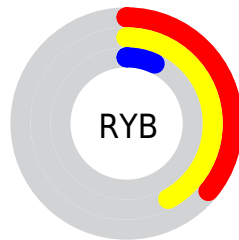
Distribution



Red (42%)

Green (26%)

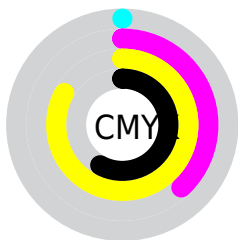
Blue (7%)



Red (36%)

Yellow (42%)

Blue (7%)

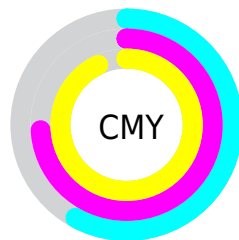


Cyan (0%)

Magenta (38%)

Yellow (83%)

Black (58%)



Cyan (58%)


Magenta (74%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.6730, -27.4468, 30.1048 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 73.6730, -27.4468, 30.1048 by changing the saturation by 10% instead.


 73.6730, -27.4468,
30.1048


 73.6730, -27.4468,
30.1048


 254.5440, -1.7472,
0.3999


 50.9330, -25.1100,
27.2458

 123.6520,
-28.9154, 34.5082


 30.8320, -15.2002,
22.0723


 150.3210,
-30.2313, 36.5525

 9.5680, -4.7170,
19.6729

 177.1040,
-31.1103, 38.4968


 0.0000, 0.0000,
0.0000


 204.5880,
-31.8419, 39.8263


 225.4830,
-29.3251, 25.8864


 245.6980,


-25.4871, 8.1579


 251.2380,
-14.4143, 3.2993


 73.6730, -27.4468,
30.1048


 73.6730, -27.4468,
30.1048


 69.4840, -30.8046,
33.7785


 77.8620, -24.0890,
26.4310

 66.9250, -32.9940,
36.0228

 82.0510, -20.7311,
22.7573

 86.1260, -17.8101,
19.1835

 90.3150, -14.4523,
15.5097

 94.5040, -11.0945,
11.8360

■ 98.6930, -7.7366,
8.1622

■ 102.2950, -4.0894,
5.0033

■ 106.3700, -1.1684,
1.4295

■ 110.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



74.2200, -16.8705, 44.5341



73.6730, -27.4468, 30.1048



71.7430, -30.4393, 9.8724

Triad

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



73.6730, -27.4468, 30.1048



62.5200, 11.0826, -54.8300



78.0870, 21.6491, 9.5707

Complementary

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



73.6730, -27.4468, 30.1048



52.3270, 27.4468, -30.1048

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.



68.9720, 32.5518, -34.1784



73.6730, -27.4468, 30.1048



65.1250, 23.6024, -57.1146

Square

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



73.6730, -27.4468, 30.1048



58.3990, -2.1687, -51.2159



64.8290, 32.6223, -56.8550



77.2770, 10.2164, 36.5911

Rectangle

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



73.6730, -27.4468, 30.1048



69.7240, -25.0069, -5.8969



64.8290, 32.6223, -56.8550



77.2210, 25.0340, -2.8248

Sweetspot

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



73.6730, -27.4468, 30.1048



126.6180, -10.6577, 11.7360



49.6980, 5.0789, 51.1309



63.3230, -6.5682, 6.7327



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



73.6730, -27.4468, 30.1048



86.4720, -42.6307, 46.9441



96.8430, -38.8696, 7.1537



51.5550, -1.7526, 2.1443



72.5510, -35.7676, 38.9818



151.3260, -74.6037, 82.1521

Inverse Universe

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



52.3270, 27.4468, -30.1048



53.5280, 42.6307, -46.9441



29.1570, 38.8696, -7.1537



50.4450, 1.7526, -2.1443



44.4490, 35.7676, -38.9818



93.6740, 74.6037, -82.1521

Previews

White Background



This preview shows how the YUV color 73.6730, -27.4468, 30.1048 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 73.6730, -27.4468, 30.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

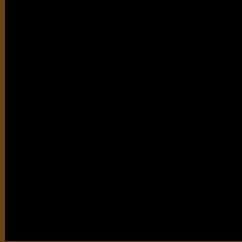
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6730, -27.4468, 30.1048

Background



This preview shows how black text looks on a background with the YUV color 73.6730, -27.4468, 30.1048.



This preview shows how white text looks on a background with the YUV color 73.6730, -27.4468,

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

73.6730, -27.4468, 30.1048

Protanopia

73.3070, -25.7874, 11.1318

Deuteranopia

73.5640, -28.8721, 20.5534



Tritanopia

77.5090, -5.1809, 28.4946

Trichromacy



Original Color

73.6730, -27.4468, 30.1048

Protanomaly

73.2370, -26.2458, 18.2092

Deuteranomaly

73.7000, -28.4461, 23.9421

Tritanomaly

75.7450, -13.1853, 29.1646

Monochromacy



Original Color

73.6730, -27.4468, 30.1048

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.5470, -9.6367, 10.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6730, -27.4468, 30.1048 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(108, 67, 18)` looks like.

```
.text, #text, p{  
    color:rgb(108, 67, 18)  
}
```

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(108, 67, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 67, 18) }
```

Border

The CSS property to change the border of an element to YUV 73.6730, -27.4468, 30.1048 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(108, 67, 18) }
```


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

```
.border{ border-color:rgb(108, 67, 18) }
```

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

Here you see how a box with a 4 pixel rgb(108, 67, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 67, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 67, 18);  
box-shadow:4px 4px 4px 4px rgb(108, 67,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 73.6730, -27.4468, 30.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 67, 18) }
```

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

```
.background{ background-color: rgb(108, 67,  
18) }
```

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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