

Converting Colors

YUV(116.6730, -30.8978,
16.9498)

Have a look what the booklet for
YUV(116.6730, -30.8978, 16.9498)
contains.

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Color

**YUV(116.6730, -30.8978,
16.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	887736
RGB	136, 119, 54
RGB Percent	53%, 47%, 21%
CMY	0.4667, 0.5333, 0.7882
CMYK	0.00, 0.12, 0.60, 0.47
HSL	48°, 43%, 37%
HSV	48°, 60%, 53%
XYZ	17.4160, 18.6942, 6.1805
YIQ	116.6730, 30.9970, -16.6110

Conversions

Conversions Part 2

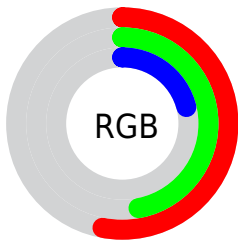
Format	Color
RYB	75, 136, 54
Decimal	8943414
CIELab	50.33, -1.90, 37.49
CIELCh	50, 37.543, 92.904
Yxy	18.6942, 0.4118, 0.4420
Android (android.graphics.Color)	4287133494 (0xFF887736)
YUV	116.6730, -30.8978, 16.9498
Hunter-Lab	43.2368, -3.7637, 21.7906

Details

The YUV color **116.6730, -30.8978, 16.9498** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.3270, 30.8978, -16.9498**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2280, -32.6504, 19.0940**, and **66.9500, -31.0343, 14.0758** is the 20% darker color. If you saturate the color by 10%, you get **113.3160, -36.1448, 19.8939**, and if you desaturate by 10%, it is **120.0300, -25.6508, 14.0057**.

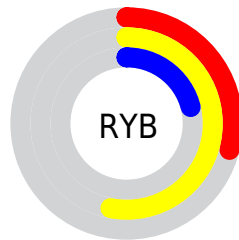
Distribution



Red (53%)

Green (47%)

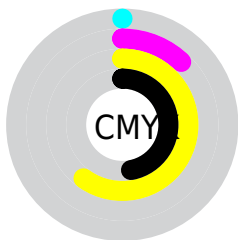
Blue (21%)



Red (29%)

Yellow (53%)

Blue (21%)

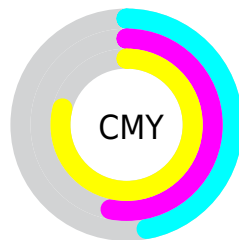


Cyan (0%)

Magenta (12%)

Yellow (60%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6730, -30.8978, 16.9498 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 116.6730, -30.8978, 16.9498 by changing the saturation by 10% instead.

■ 116.6730,
-30.8978, 16.9498

■ 116.6730,
-30.8978, 16.9498

■ 255.0000, 0.0000,
0.0000

■ 91.1890, -30.1662,
15.6202

■ 169.2280,
-32.6504, 19.0940

■ 66.9500, -31.0343,
14.0758

■ 196.7120,
-33.3820, 20.4236

■ 46.4040, -22.8772,
11.0467

■ 224.7830,
-34.4030, 21.2383

■ 26.6020, -13.1148,
6.4880

■ 246.7920,
-31.4495, 7.1984

■ 1.1740, -0.5788,
-1.0296

■ 249.8700,
-19.6559, 4.4990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 116.6730,
-30.8978, 16.9498

■ 116.6730,
-30.8978, 16.9498

■ 113.3160,
-36.1448, 19.8939

■ 120.0300,
-25.6508, 14.0057

■ 110.0730,
-40.9550, 22.7380

■ 123.2730,
-20.8406, 11.1616

■ 107.3030,
-46.4914, 25.1673

■ 126.0430,
-15.3042, 8.7323

■ 104.0600,
-51.3016, 28.0114

■ 129.2860,
-10.4940, 5.8882

■ 132.6430, -5.2470,
2.9441

■ 136.0000, 0.0000,
0.0000

■ 139.2430, 4.8102,
-2.8441

■ 142.6000, 10.0572,
-5.7882

■ 145.2560, 15.1568,
-8.1175

Harmonies

Analogous

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



119.0160, -27.6159, 37.6970



116.6730, -30.8978, 16.9498



113.2290, -24.2699, -8.9708

Triad

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



116.6730, -30.8978, 16.9498



96.8010, 28.1991, -84.8945



123.5370, 12.5533, 33.7321

Complementary

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



116.6730, -30.8978, 16.9498



73.3270, 30.8978, -16.9498

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.



122.0800, 25.5966, 3.4378



116.6730, -30.8978, 16.9498



96.9610, 38.9662, -85.0348

Square

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



116.6730, -30.8978, 16.9498



93.7400, 13.9322, -82.2100



113.7050, 34.1624, -37.4523



121.5640, -1.7571, 50.3714

Rectangle

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



116.6730, -30.8978, 16.9498



109.6270, -14.6061, -28.6139



113.7050, 34.1624, -37.4523



123.4480, 17.5271, 25.0401

Sweetspot

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



116.6730, -30.8978, 16.9498



168.2430, -11.9518, 6.8029



80.5700, -4.2250, 48.6121



84.4860, -7.1416, 3.9588



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.6730, -30.8978, 16.9498



146.2600, -47.9492, 26.0820



119.7750, -32.4271, -5.9417



67.0280, -2.4788, 1.7294



101.4020, -49.9912, 27.7114



3.8430, -1.8946, 1.0147

Inverse Universe

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



73.3270, 30.8978, -16.9498



79.3270, 47.6598, -26.5968



70.2250, 32.4271, 5.9417



63.3850, 2.7682, -1.2146



31.0110, 50.2806, -27.1966



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 116.6730, -30.8978, 16.9498 looks on a white 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

Black Background



This preview shows how the YUV color 116.6730, -30.8978, 16.9498 looks on a black 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

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

YUV 116.6730, -30.8978, 16.9498 Background



This preview shows how black text looks on a background with the YUV color 116.6730, -30.8978, 16.9498.



This preview shows how white text looks on a background with the YUV color 116.6730, -30.8978,

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

116.6730, -30.8978, 16.9498

Protanopia

116.3630, -30.7450, 14.5906

Deuteranopia

117.4400, -30.7829, 26.8011



Tritanopia

121.9960, -0.4910, 17.5435

Trichromacy



Original Color

116.6730, -30.8978, 16.9498

Protanomaly

116.6620, -30.8924, 15.2054

Deuteranomaly

117.4180, -30.7721, 23.3124

Tritanomaly

120.4230, -11.5475, 17.1690

Monochromacy



Original Color

116.6730, -30.8978, 16.9498

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6730, -30.8978, 16.9498 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(136, 119, 54)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 54)  
}
```

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(136, 119, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 54) }
```

Border

The CSS property to change the border of an element to YUV 116.6730, -30.8978, 16.9498 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(136, 119, 54) }
```


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

```
.border{ border-color:rgb(136, 119, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 119, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 119, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 119, 54);  
box-shadow:4px 4px 4px 4px rgb(136, 119,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 116.6730, -30.8978, 16.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 119, 54) }
```

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

```
.background{ background-color: rgb(136,  
119, 54) }
```

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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