

Converting Colors

YUV(113.2000, -30.1716,
17.3646)

Have a look what the booklet for
YUV(113.2000, -30.1716, 17.3646)
contains.

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Color

**YUV(113.2000, -30.1716,
17.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	857334
RGB	133, 115, 52
RGB Percent	52%, 45%, 20%
CMY	0.4784, 0.5490, 0.7961
CMYK	0.00, 0.14, 0.61, 0.48
HSL	47°, 44%, 36%
HSV	47°, 61%, 52%
XYZ	16.4234, 17.4959, 5.7603
YIQ	113.2000, 30.9510, -15.7770

Conversions

Conversions Part 2

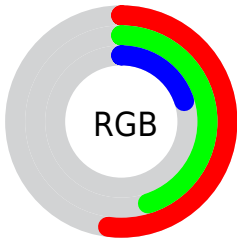
Format	Color
R_{YB}	75, 133, 52
Decimal	8745780
CIE Lab	48.88, -1.16, 36.78
CIE LCh	49, 36.799, 91.805
Yxy	17.4959, 0.4139, 0.4409
Android (android.graphics.Color)	4286935860 (0xFF857334)
YUV	113.2000, -30.1716, 17.3646
Hunter-Lab	41.8282, -3.1129, 21.1147

Details

The YUV color **113.2000, -30.1716, 17.3646** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.8000, 30.1716, -17.3646**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7550, -31.9242, 19.5089**, and **63.8900, -30.0188, 15.0055** is the 20% darker color. If you saturate the color by 10%, you get **109.9570, -34.9818, 20.2087**, and if you desaturate by 10%, it is **116.4430, -25.3614, 14.5205**.

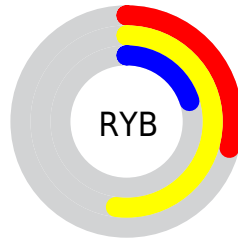
Distribution



Red (52%)

Green (45%)

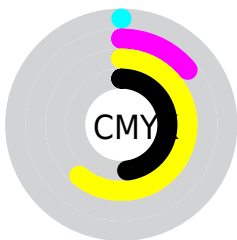
Blue (20%)



Red (29%)

Yellow (52%)

Blue (20%)

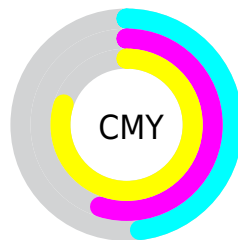


Cyan (0%)

Magenta (14%)

Yellow (61%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2000, -30.1716, 17.3646 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 113.2000, -30.1716, 17.3646 by changing the saturation by 10% instead.

■ 113.2000,
-30.1716, 17.3646

■ 113.2000,
-30.1716, 17.3646

■ 255.0000, 0.0000,
0.0000

■ 88.3030, -29.7294,
15.5203

■ 165.7550,
-31.9242, 19.5089

■ 63.8900, -30.0188,
15.0055

■ 193.1250,
-33.0926, 20.9384

■ 43.1590, -21.2774,
11.2616

■ 221.3100,
-33.6768, 21.6531

■ 24.2430, -11.9518,
6.8029

■ 243.5150,
-31.3129, 10.0723

■ 0.0000, 0.0000,
0.0000

■ 249.6420,
-20.5295, 4.6990

■ 252.8340, -8.2992,

1.8996

■ 113.2000,
-30.1716, 17.3646

■ 113.2000,
-30.1716, 17.3646

■ 109.9570,
-34.9818, 20.2087

■ 116.4430,
-25.3614, 14.5205

■ 106.6000,
-40.2288, 23.1528

■ 119.8000,
-20.1144, 11.5764

■ 103.3570,
-45.0390, 25.9969

■ 123.0430,
-15.3042, 8.7323

■ 100.2280,
-49.4124, 28.7410

■ 126.2860,
-10.4940, 5.8882

■ 129.6430, -5.2470,
2.9441

■ 132.8860, -0.4368,
0.1000

■ 136.1290, 4.3734,
-2.7441

■ 139.3720, 9.1836,
-5.5882

■ 142.7290, 14.4306,
-8.5323

Harmonies

Analogous

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



115.3580, -26.3055, 37.3970



113.2000, -30.1716, 17.3646



109.9410, -24.1279, -7.8413

Triad

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



113.2000, -30.1716, 17.3646



93.7690, 26.7359, -82.2354



119.6400, 12.9955, 31.8877

Complementary

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



113.2000, -30.1716, 17.3646



71.8000, 30.1716, -17.3646

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.



118.2540, 25.0178, 2.4082



113.2000, -30.1716, 17.3646



93.9290, 37.5030, -82.3757

Square

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



113.2000, -30.1716, 17.3646



90.8220, 12.9058, -79.6509



109.8790, 33.5837, -38.4819



117.6670, -1.3148, 48.5270

Rectangle

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



113.2000, -30.1716, 17.3646



106.5240, -15.0483, -26.7695



109.8790, 33.5837, -38.4819



119.4370, 17.5326, 23.2958

Sweetspot

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



113.2000, -30.1716, 17.3646



165.3570, -11.5150, 6.7029



78.3850, -3.6408, 47.8974



81.8990, -6.8522, 4.4736



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.2000, -30.1716, 17.3646



142.2000, -46.9336, 27.0116



117.1880, -32.1377, -5.4269



64.7290, -2.3314, 1.1147



98.1570, -48.3914, 27.9263



2.0710, -1.0210, 0.8147

Inverse Universe

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



71.8000, 30.1716, -17.3646



77.8000, 46.9336, -27.0116



67.8120, 32.1377, 5.4269



61.2710, 2.3314, -1.1147



31.8430, 48.3914, -27.9263



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 113.2000, -30.1716, 17.3646 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 113.2000, -30.1716, 17.3646 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 113.2000, -30.1716, 17.3646 Background



This preview shows how black text looks on a background with the YUV color 113.2000, -30.1716, 17.3646.



This preview shows how white text looks on a background with the YUV color 113.2000, -30.1716,

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

113.2000, -30.1716, 17.3646

Protanopia

112.5910, -29.8714, 14.3907

Deuteranopia

114.2550, -30.1987, 26.0864



Tritanopia

118.1810, -1.0752, 18.2583

Trichromacy



Original Color

113.2000, -30.1716, 17.3646

Protanomaly

112.8900, -30.0188, 15.0055

Deuteranomaly

113.6460, -29.8985, 23.1125

Tritanomaly

116.7220, -11.6949, 17.7838

Monochromacy



Original Color

113.2000, -30.1716, 17.3646

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2000, -30.1716, 17.3646 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(133, 115, 52)` looks like.

```
.text, #text, p{  
    color:rgb(133, 115, 52)  
}
```

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(133, 115, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 115, 52) }
```

Border

The CSS property to change the border of an element to YUV 113.2000, -30.1716, 17.3646 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(133, 115, 52) }
```


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

```
.border{ border-color:rgb(133, 115, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 115, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 115, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 115, 52);  
box-shadow:4px 4px 4px 4px rgb(133, 115,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 113.2000, -30.1716, 17.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 115, 52) }
```

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

```
.background{ background-color: rgb(133,  
115, 52) }
```

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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