

Converting Colors

YUV(113.0970, -30.6138,
19.2089)

Have a look what the booklet for
YUV(113.0970, -30.6138, 19.2089)
contains.

YUV(113.0970, -30.6138, 19.2089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.0970, -30.6138,
19.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	877233
RGB	135, 114, 51
RGB Percent	53%, 45%, 20%
CMY	0.4706, 0.5529, 0.8000
CMYK	0.00, 0.16, 0.62, 0.47
HSL	45°, 45%, 36%
HSV	45°, 62%, 53%
XYZ	16.6065, 17.4245, 5.6200
YIQ	113.0970, 32.7390, -15.1410

Conversions

Conversions Part 2

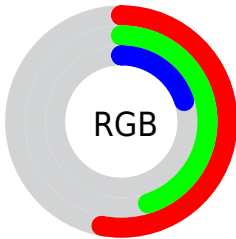
Format	Color
R_{YB}	79, 135, 51
Decimal	8876595
CIE _{Lab}	48.79, 0.25, 37.24
CIE _{LCh}	49, 37.243, 89.611
Yxy	17.4245, 0.4188, 0.4394
Android (android.graphics.Color)	4287066675 (0xFF877233)
YUV	113.0970, -30.6138, 19.2089
Hunter-Lab	41.7427, -2.0370, 21.2375

Details

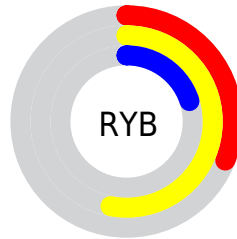
The YUV color **113.0970, -30.6138, 19.2089** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.9030, 30.6138, -19.2089**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6520, -32.3664, 21.3532**, and **63.4880, -30.3136, 16.2350** is the 20% darker color. If you saturate the color by 10%, you get **109.7400, -35.8608, 22.1530**, and if you desaturate by 10%, it is **116.4540, -25.3668, 16.2648**.

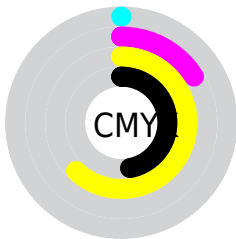
Distribution



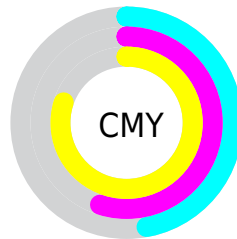
- Red (53%)
- Green (45%)
- Blue (20%)



- Red (31%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0970, -30.6138, 19.2089 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 113.0970, -30.6138, 19.2089 by changing the saturation by 10% instead.

■ 113.0970,
-30.6138, 19.2089

■ 113.0970,
-30.6138, 19.2089

■ 255.0000, 0.0000,
0.0000

■ 88.2000, -30.1716,
17.3646

■ 165.6520,
-32.3664, 21.3532

■ 63.4880, -30.3136,
16.2350

■ 193.0220,
-33.5348, 22.7827

■ 43.1700, -21.2828,
13.0059

■ 221.2070,
-34.1191, 23.4975

■ 23.9550, -11.8098,
7.9325

■ 242.8140,
-31.4603, 10.6871

■ 0.0000, 0.0000,
0.0000

■ 249.5280,
-20.9663, 4.7989

■ 252.7200, -8.7360,

1.9996

■ 113.0970,
-30.6138, 19.2089

■ 113.0970,
-30.6138, 19.2089

■ 109.7400,
-35.8608, 22.1530

■ 116.4540,
-25.3668, 16.2648

■ 105.9100,
-40.3816, 25.5119

■ 120.2840,
-20.8460, 12.9059

■ 102.5530,
-45.6286, 28.4560

■ 123.6410,
-15.5990, 9.9618

■ 99.6520, -49.1284,
31.0002

■ 127.4710,
-11.0782, 6.6029

■ 130.8280, -5.8312,
3.6588

■ 134.0710, -1.0210,
0.8147

■ 138.0150, 3.9366,
-2.6442

■ 141.2580, 8.7468,
-5.4883

■ 144.5010, 13.5570,
-8.3324

Harmonies

Analogous

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



115.3690, -26.3109, 39.1414



113.0970, -30.6138, 19.2089



109.7240, -25.0069, -5.8969

Triad

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



113.0970, -30.6138, 19.2089



93.5410, 25.8623, -82.0355



119.2700, 14.1639, 30.4582

Complementary

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



113.0970, -30.6138, 19.2089



72.9030, 30.6138, -19.2089

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.



117.8730, 26.1916, -0.7656



113.0970, -30.6138, 19.2089



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.



113.0970, -30.6138, 19.2089



90.4800, 11.5954, -79.3510



107.9000, 35.0523, -42.8853



118.0090, -0.0044, 48.2271

Rectangle

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



113.0970, -30.6138, 19.2089



106.8940, -16.2167, -25.3400



107.9000, 35.0523, -42.8853



119.6540, 18.4116, 21.3514

Sweetspot

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



113.0970, -30.6138, 19.2089



167.5420, -12.0992, 7.4177



78.5100, -3.2094, 49.5417



83.7850, -7.2890, 4.5736



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.



113.0970, -30.6138, 19.2089



141.5810, -48.1074, 30.1855



119.1450, -33.5955, -4.5122



64.7290, -2.3314, 1.1147



96.3960, -47.5232, 29.4707



2.0710, -1.0210, 0.8147

Inverse Universe

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



72.9030, 30.6138, -19.2089



78.4190, 48.1074, -30.1855



66.8550, 33.5955, 4.5122



61.2710, 2.3314, -1.1147



34.1910, 47.2338, -29.9855



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 113.0970, -30.6138, 19.2089 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 113.0970, -30.6138, 19.2089 looks on a black 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

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

YUV 113.0970, -30.6138, 19.2089

Background



This preview shows how black text looks on a background with the YUV color 113.0970, -30.6138, 19.2089.



This preview shows how white text looks on a background with the YUV color 113.0970, -30.6138, 19.2089.

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

113.0970, -30.6138, 19.2089

Protanopia

112.5910, -29.8714, 14.3907

Deuteranopia

113.5540, -30.3461, 26.7011



Tritanopia

117.7790, -1.3700, 19.4878

Trichromacy



Original Color

113.0970, -30.6138, 19.2089

Protanomaly

112.6020, -29.8768, 16.1350

Deuteranomaly

113.2440, -30.1933, 24.3420

Tritanomaly

116.3200, -11.9898, 19.0134

Monochromacy



Original Color

113.0970, -30.6138, 19.2089

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7700, -11.2256, 7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0970, -30.6138, 19.2089 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(135, 114, 51)` looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 51)  
}
```

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(135, 114, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 51) }
```

Border

The CSS property to change the border of an element to YUV 113.0970, -30.6138, 19.2089 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(135, 114, 51) }
```


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

```
.border{ border-color:rgb(135, 114, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 114, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 114, 51);  
box-shadow:4px 4px 4px 4px rgb(135, 114,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 113.0970, -30.6138, 19.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 51) }
```

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

```
.background{ background-color: rgb(135,  
114, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor