

Converting Colors

YUV(109.3000, -18.3889,
18.1539)

Have a look what the booklet for
YUV(109.3000, -18.3889, 18.1539)
contains.

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Color

**YUV(109.3000, -18.3889,
18.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	826A48
RGB	130, 106, 72
RGB Percent	51%, 42%, 28%
CMY	0.4902, 0.5843, 0.7176
CMYK	0.00, 0.18, 0.45, 0.49
HSL	35°, 29%, 40%
HSV	35°, 45%, 51%
XYZ	15.5297, 15.5218, 8.3084
YIQ	109.3000, 25.2180, -5.4860

Conversions

Conversions Part 2

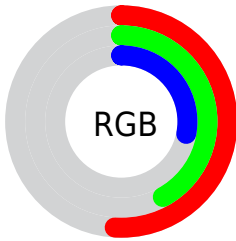
Format	Color
RYB	113, 130, 72
Decimal	8546888
CIELab	46.34, 4.64, 22.65
CIELCh	46, 23.123, 78.437
Yxy	15.5218, 0.3946, 0.3944
Android (android.graphics.Color)	4286736968 (0xFF826A48)
YUV	109.3000, -18.3889, 18.1539
Hunter-Lab	39.3977, 1.4146, 15.0750

Details

The YUV color **109.3000, -18.3889, 18.1539** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **92.7000, 18.3889, -18.1539**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9690, -19.7047, 20.1982**, and **61.3320, -16.9257, 15.4948** is the 20% darker color. If you saturate the color by 10%, you get **104.8830, -22.6203, 22.0276**, and if you desaturate by 10%, it is **113.7170, -14.1575, 14.2802**.

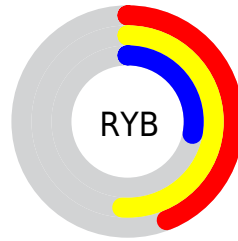
Distribution



Red (51%)

Green (42%)

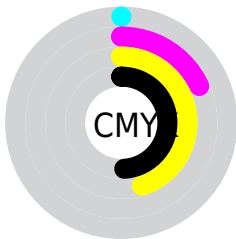
Blue (28%)



Red (44%)

Yellow (51%)

Blue (28%)

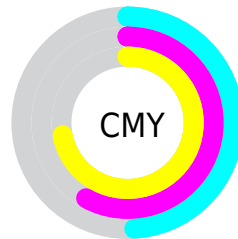


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (49%)



Cyan (49%)

Magenta (58%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.3000, -18.3889, 18.1539 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 109.3000, -18.3889, 18.1539 by changing the saturation by 10% instead.

■ 109.3000,
-18.3889, 18.1539

■ 109.3000,
-18.3889, 18.1539

■ 255.0000, 0.0000,
0.0000

■ 84.8160, -17.6573,
16.8244

■ 160.9690,
-19.7047, 20.1982

■ 61.3320, -16.9257,
15.4948

■ 188.1540,
-20.2889, 20.9129

■ 38.5060, -17.5045,
14.4652

■ 216.3390,
-20.8731, 21.6277

■ 19.5470, -9.6367,
10.9213

■ 240.0390,
-19.2462, 13.1208

■ 0.0000, 0.0000,
0.0000

■ 252.0360,
-11.3567, 2.5994

■ 109.3000,
-18.3889, 18.1539

■ 109.3000,
-18.3889, 18.1539

■ 104.8830,
-22.6203, 22.0276

■ 113.7170,
-14.1575, 14.2802

■ 99.8790, -26.5623,
26.4161

■ 118.7210,
-10.2155, 9.8917

■ 95.4620, -30.7938,
30.2898

■ 123.1380, -5.9840,
6.0180

■ 90.4580, -34.7358,
34.6783

■ 128.1420, -2.0420,
1.6295

■ 86.0410, -38.9672,
38.5520

■ 132.5590, 2.1894,
-2.2442

■ 83.4820, -41.1566,
40.7963

■ 136.9760, 6.4208,
-6.1180

■ 141.9800, 10.3629,
-10.5065

■ 146.3970, 14.5943,

-14.3802

■ 150.8140, 18.8257,
-18.2539

Harmonies

Analogous

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



110.8050, -14.2009, 28.2350



109.3000, -18.3889, 18.1539



107.2550, -16.8877, 3.2844

Triad

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



109.3000, -18.3889, 18.1539



98.5860, 11.0501, -44.3639



112.7640, 11.4553, 12.4850

Complementary

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



109.3000, -18.3889, 18.1539



92.7000, 18.3889, -18.1539

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.



109.9510, 17.7722, -6.9730



109.3000, -18.3889, 18.1539



99.6490, 18.9070, -44.4192

Square

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



109.3000, -18.3889, 18.1539



101.6880, -0.3392, -31.2984



105.2040, 20.6054, -29.1199



112.5610, 2.6814, 26.6950

Rectangle

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



109.3000, -18.3889, 18.1539



106.1010, -13.3608, -7.9816



105.2040, 20.6054, -29.1199



112.0020, 13.8030, 6.1372

Sweetspot

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



109.3000, -18.3889, 18.1539



160.2090, -7.0050, 6.8327



92.0780, 1.9335, 33.2576



79.5830, -4.2314, 3.8737



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



109.3000, -18.3889, 18.1539



135.9070, -29.0412, 28.1456



121.8930, -24.5972, 2.7248



61.4410, -2.1894, 2.2442



82.2970, -40.5724, 40.0815



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.7000, 18.3889, -18.1539



109.6800, 28.7518, -28.6604



80.1070, 24.5972, -2.7248



59.5590, 2.1894, -2.2442



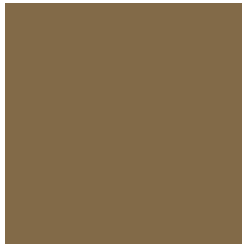
45.7030, 40.5724, -40.0815



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.3000, -18.3889, 18.1539 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 109.3000, -18.3889, 18.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

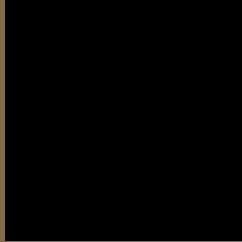
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.3000, -18.3889, 18.1539

Background



This preview shows how black text looks on a background with the YUV color 109.3000, -18.3889, 18.1539.



This preview shows how white text looks on a background with the YUV color 109.3000, -18.3889, 18.1539.

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

109.3000, -18.3889, 18.1539

Protanopia

108.5870, -17.0514, 9.1322

Deuteranopia

109.3110, -18.3943, 19.8983



Tritanopia

111.7790, -1.3700, 19.4878

Trichromacy



Original Color

109.3000, -18.3889, 18.1539

Protanomaly

109.0820, -17.7884, 12.2061

Deuteranomaly

109.0120, -18.2469, 19.2835

Tritanomaly

111.1720, -7.4798, 19.1432

Monochromacy



Original Color

109.3000, -18.3889, 18.1539

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3230, -6.5682, 6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3000, -18.3889, 18.1539 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(130, 106, 72)` looks like.

```
.text, #text, p{  
    color:rgb(130, 106, 72)  
}
```

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(130, 106, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 106, 72) }
```

Border

The CSS property to change the border of an element to YUV 109.3000, -18.3889, 18.1539 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(130, 106, 72) }
```


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

```
.border{ border-color:rgb(130, 106, 72) }
```

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

Here you see how a box with a 4 pixel rgb(130, 106, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 106, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 106, 72);  
box-shadow:4px 4px 4px 4px rgb(130, 106,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 109.3000, -18.3889, 18.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 106, 72) }
```

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

```
.background{ background-color: rgb(130,  
106, 72) }
```

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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