

Converting Colors

YUV(85.3000, -18.3889,
18.1539)

Have a look what the booklet for
YUV(85.3000, -18.3889, 18.1539)
contains.

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Color

**YUV(85.3000, -18.3889,
18.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5230
RGB	106, 82, 48
RGB Percent	42%, 32%, 19%
CMY	0.5843, 0.6784, 0.8118
CMYK	0.00, 0.23, 0.55, 0.58
HSL	35°, 38%, 30%
HSV	35°, 55%, 42%
XYZ	9.4947, 9.3122, 4.0933
YIQ	85.3000, 25.2180, -5.4860

Conversions

Conversions Part 2

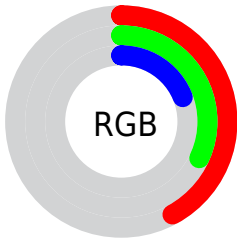
Format	Color
R _Y B	89, 106, 48
Decimal	6967856
CIE Lab	36.58, 5.37, 23.65
CIE LCh	37, 24.255, 77.218
Yxy	9.3122, 0.4146, 0.4066
Android (android.graphics.Color)	4285157936 (0xFF6A5230)
YUV	85.3000, -18.3889, 18.1539
Hunter-Lab	30.5158, 2.1355, 13.4081

Details

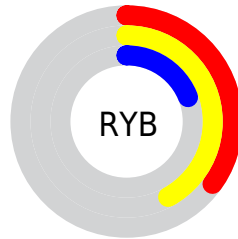
The YUV color **85.3000, -18.3889, 18.1539** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.7000, 18.3889, -18.1539**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2680, -19.8521, 20.8130**, and **38.8760, -18.6729, 15.8947** is the 20% darker color. If you saturate the color by 10%, you get **81.6980, -22.0361, 21.3129**, and if you desaturate by 10%, it is **88.9020, -14.7417, 14.9949**.

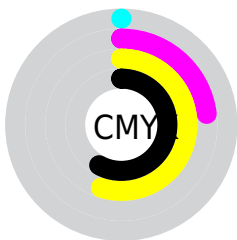
Distribution



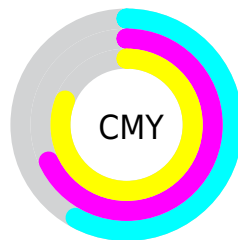
- Red (42%)
- Green (32%)
- Blue (19%)



- Red (35%)
- Yellow (42%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (55%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3000, -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 85.3000, -18.3889, 18.1539 by changing the saturation by 10% instead.

85.3000, -18.3889,
18.1539

85.3000, -18.3889,
18.1539

255.0000, 0.0000,
0.0000

61.8160, -17.6573,
16.8244

135.2680,
-19.8521, 20.8130

38.8760, -18.6729,
15.8947

161.7520,
-20.5837, 22.1425

19.8460, -9.7841,
11.5361

188.9370,
-21.1679, 22.8573

0.0000, 0.0000,
0.0000

217.0080,
-22.1889, 23.6720

239.9250,
-19.6830, 13.2208

251.9220,

-11.7935, 2.6994

■ 85.3000, -18.3889,
18.1539

■ 85.3000, -18.3889,
18.1539

■ 81.6980, -22.0361,
21.3129

■ 88.9020, -14.7417,
14.9949

■ 77.6230, -24.9571,
24.8866

■ 92.9770, -11.8207,
11.4212

■ 74.0210, -28.6044,
28.0456

■ 96.5790, -8.1734,
8.2622

■ 69.9460, -31.5254,
31.6194

■ 100.6540, -5.2524,
4.6884

■ 68.0880, -33.5674,
33.2488

■ 104.2560, -1.6052,
1.5295

■ 107.8580, 2.0420,
-1.6295

■ 111.9330, 4.9630,
-5.2032

■ 115.5350, 8.6102,
-8.3622

■ 119.0230, 11.8207,
-11.4212

Harmonies

Analogous

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



86.2180, -13.9115, 28.7498



85.3000, -18.3889, 18.1539



83.1410, -17.3245, 3.3843

Triad

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



85.3000, -18.3889, 18.1539



68.3070, 14.1456, -57.2742



88.5790, 12.0396, 11.7702

Complementary

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



85.3000, -18.3889, 18.1539



68.7000, 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.



86.0540, 18.2144, -8.8174



85.3000, -18.3889, 18.1539



68.7610, 22.3028, -60.3034

Square

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



85.3000, -18.3889, 18.1539



77.0900, -0.0444, -32.5279



79.2250, 22.0741, -33.5233



88.6750, 3.1182, 26.5950

Rectangle

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



85.3000, -18.3889, 18.1539



81.9870, -13.7976, -7.8816



79.2250, 22.0741, -33.5233



87.8170, 14.3872, 5.4225

Sweetspot

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



85.3000, -18.3889, 18.1539



130.2090, -7.0050, 6.8327



68.0780, 1.9335, 33.2576



63.9960, -3.9420, 4.3885



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



85.3000, -18.3889, 18.1539



105.3200, -28.7518, 28.6604



97.8930, -24.5972, 2.7248



51.5550, -1.7526, 2.1443



75.4860, -37.2146, 36.4078



157.7830, -77.7870, 76.4893

Inverse Universe

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



68.7000, 18.3889, -18.1539



79.0930, 29.0412, -28.1456



56.1070, 24.5972, -2.7248



49.8580, 2.0420, -1.6295



42.1010, 36.9252, -36.9226



87.2170, 77.7870, -76.4893

Previews

White Background



This preview shows how the YUV color 85.3000, -18.3889, 18.1539 looks on a white background.

Color Contrast Check

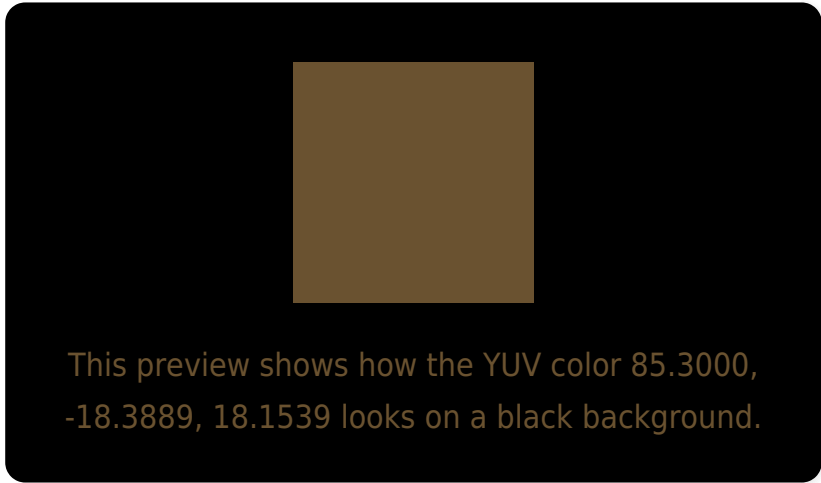
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

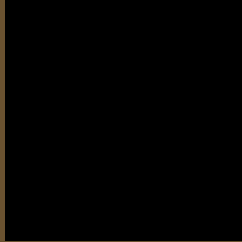
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3000, -18.3889, 18.1539

Background



This preview shows how black text looks on a background with the YUV color 85.3000, -18.3889, 18.1539.



This preview shows how white text looks on a background with the YUV color 85.3000, -18.3889,

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

85.3000, -18.3889, 18.1539

Protanopia

84.5870, -17.0514, 9.1322

Deuteranopia

85.0010, -18.2415, 17.5391



Tritanopia

87.9530, -1.9488, 18.4582

Trichromacy



Original Color

85.3000, -18.3889, 18.1539

Protanomaly

85.0820, -17.7884, 12.2061

Deuteranomaly

85.0010, -18.2415, 17.5391

Tritanomaly

86.7590, -7.7692, 18.6284

Monochromacy



Original Color

85.3000, -18.3889, 18.1539

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3230, -6.5682, 6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3000, -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(106, 82, 48)` looks like.

```
.text, #text, p{  
    color:rgb(106, 82, 48)  
}
```

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(106, 82, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 82, 48) }
```

Border

The CSS property to change the border of an element to YUV 85.3000, -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(106, 82, 48) }
```


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

```
.border{ border-color:rgb(106, 82, 48) }
```

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

Here you see how a box with a 4 pixel rgb(106, 82, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 82, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 82, 48);  
box-shadow:4px 4px 4px 4px rgb(106, 82,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 85.3000, -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(106, 82, 48) }
```

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

```
.background{ background-color: rgb(106, 82,  
48) }
```

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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