

Converting Colors

YUV(108.3850, -13.9938,
8.4324)

Have a look what the booklet for
YUV(108.3850, -13.9938, 8.4324)
contains.

YUV(108.3850, -13.9938, 8.4324)	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(108.3850, -13.9938,
8.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	766D50
RGB	118, 109, 80
RGB Percent	46%, 43%, 31%
CMY	0.5373, 0.5725, 0.6863
CMYK	0.00, 0.08, 0.32, 0.54
HSL	46°, 19%, 39%
HSV	46°, 32%, 46%
XYZ	14.3878, 15.3680, 9.7974
YIQ	108.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

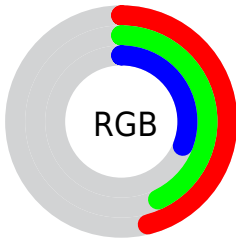
Format	Color
R_{YB}	92, 118, 80
Decimal	7761232
CIE _{Lab}	46.13, -1.35, 17.51
CIE _{LCh}	46, 17.558, 94.395
Yxy	15.3680, 0.3638, 0.3885
Android (android.graphics.Color)	4285951312 (0xFF766D50)
YUV	108.3850, -13.9938, 8.4324
Hunter-Lab	39.2021, -3.0911, 12.6236

Details

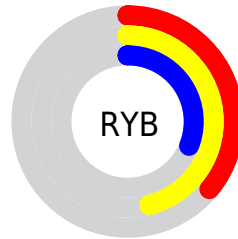
The YUV color **108.3850, -13.9938, 8.4324** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **89.6150, 13.9938, -8.4324**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7550, -15.1622, 9.8619**, and **61.0150, -12.8254, 7.0028** is the 20% darker color. If you saturate the color by 10%, you get **105.2560, -18.3672, 11.1765**, and if you desaturate by 10%, it is **111.5140, -9.6204, 5.6882**.

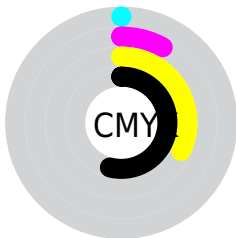
Distribution



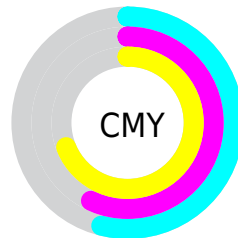
- Red (46%)
- Green (43%)
- Blue (31%)



- Red (36%)
- Yellow (46%)
- Blue (31%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3850, -13.9938, 8.4324 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 108.3850, -13.9938, 8.4324 by changing the saturation by 10% instead.

■ 108.3850,
-13.9938, 8.4324

■ 108.3850,
-13.9938, 8.4324

■ 255.0000, 0.0000,
0.0000

■ 84.2000, -13.4096,
7.7176

■ 159.7550,
-15.1622, 9.8619

■ 61.0150, -12.8254,
7.0028

■ 186.7550,
-15.1622, 9.8619

■ 38.8300, -12.2412,
6.2881

■ 214.5270,
-16.0358, 10.0618

■ 18.9160, -9.3256,
4.4587

■ 242.8260,
-16.1832, 10.6766

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,
1.6996

■ 108.3850,
-13.9938, 8.4324

■ 108.3850,
-13.9938, 8.4324

■ 105.2560,
-18.3672, 11.1765

■ 111.5140, -9.6204,
5.6882

■ 102.1270,
-22.7406, 13.9206

■ 114.6430, -5.2470,
2.9441

■ 99.6990, -26.9666,
16.0500

■ 117.0710, -1.0210,
0.8147

■ 96.5700, -31.3400,
18.7941

■ 120.2000, 3.3524,
-1.9294

■ 93.4410, -35.7134,
21.5382

■ 123.3290, 7.7258,
-4.6735

■ 90.3120, -40.0868,
24.2824

■ 126.4580, 12.0992,
-7.4177

■ 88.1120, -43.4392,
26.2118

■ 129.5870, 16.4726,
-10.1618

■ 132.0150, 20.6986,

-12.2912

■ 135.1440, 25.0720,
-15.0353

Harmonies

Analogous

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



109.6790, -13.1527, 18.6985



108.3850, -13.9938, 8.4324



106.5190, -10.6089, -3.9632

Triad

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



108.3850, -13.9938, 8.4324



102.9620, 10.8647, -31.5387



111.4780, 5.1873, 16.2438

Complementary

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



108.3850, -13.9938, 8.4324



89.6150, 13.9938, -8.4324

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.



110.9970, 11.3405, 2.6336



108.3850, -13.9938, 8.4324



105.0320, 14.7742, -25.4611

Square

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



108.3850, -13.9938, 8.4324



103.1490, 3.8705, -28.1947



108.4080, 14.5889, -12.6358



111.6870, -1.8177, 23.0765

Rectangle

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



108.3850, -13.9938, 8.4324



105.7890, -6.7980, -12.9700



108.4080, 14.5889, -12.6358



112.0260, 7.3822, 12.2552

Sweetspot

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



108.3850, -13.9938, 8.4324



148.9420, -5.3944, 3.5589



92.5020, -1.2335, 22.3617



74.0990, -3.4998, 2.5442



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



108.3850, -13.9938, 8.4324



137.9420, -22.1564, 13.2059



110.9770, -15.2717, -1.7338



57.1420, -2.0420, 1.6295



91.0690, -44.8970, 27.1265



186.8670, -92.1254, 55.3676

Inverse Universe

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



89.6150, 13.9938, -8.4324



108.0580, 22.1564, -13.2059



87.3220, 15.1243, 2.3486



54.2710, 2.3314, -1.1147



30.9310, 44.8970, -27.1265



63.1330, 92.1254, -55.3676

Previews

White Background



This preview shows how the YUV color 108.3850, -13.9938, 8.4324 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 108.3850, -13.9938, 8.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

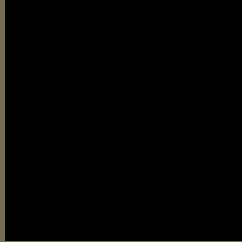
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.3850, -13.9938, 8.4324

Background



This preview shows how black text looks on a background with the YUV color 108.3850, -13.9938, 8.4324.



This preview shows how white text looks on a background with the YUV color 108.3850, -13.9938, 8.4324.

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

108.3850, -13.9938, 8.4324

Protanopia

108.0860, -13.8464, 7.8176

Deuteranopia

109.4400, -14.0209, 17.1541



Tritanopia

110.9950, 0.9885, 9.6514

Trichromacy



Original Color

108.3850, -13.9938, 8.4324

Protanomaly

108.0860, -13.8464, 7.8176

Deuteranomaly

108.8310, -13.7207, 14.1802

Tritanomaly

109.9150, -4.3951, 9.7215

Monochromacy



Original Color

108.3850, -13.9938, 8.4324

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3850, -13.9938, 8.4324 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(118, 109, 80)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 80)  
}
```

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(118, 109, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 80) }
```

Border

The CSS property to change the border of an element to YUV 108.3850, -13.9938, 8.4324 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(118, 109, 80) }
```


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

```
.border{ border-color:rgb(118, 109, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 80);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 108.3850, -13.9938, 8.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 80) }
```

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

```
.background{ background-color: rgb(118,  
109, 80) }
```

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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