

Converting Colors

YUV(84.7300, -3.8109, 9.0068)

Have a look what the booklet for
YUV(84.7300, -3.8109, 9.0068)
contains.

YUV(84.7300, -3.8109, 9.0068)	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(84.7300, -3.8109,
9.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	5F514D
RGB	95, 81, 77
RGB Percent	37%, 32%, 30%
CMY	0.6275, 0.6824, 0.6980
CMYK	0.00, 0.15, 0.19, 0.63
HSL	13°, 10%, 34%
HSV	13°, 19%, 37%
XYZ	9.0013, 8.8536, 8.2557
YIQ	84.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

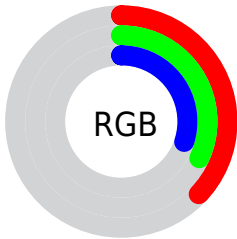
Format	Color
R_{YB}	95, 82, 77
Decimal	6246733
CIE _{Lab}	35.70, 5.06, 4.49
CIE _{LCh}	36, 6.764, 41.584
Yxy	8.8536, 0.3447, 0.3391
Android (android.graphics.Color)	4284436813 (0xFF5F514D)
YUV	84.7300, -3.8109, 9.0068
Hunter-Lab	29.7550, 1.9276, 4.3782

Details

The YUV color **84.7300, -3.8109, 9.0068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.2700, 3.8109, -9.0068**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3280, -4.1057, 10.2363**, and **39.5450, -3.2267, 8.2920** is the 20% darker color. If you saturate the color by 10%, you get **79.5950, -5.7163, 13.5102**, and if you desaturate by 10%, it is **89.8650, -1.9054, 4.5034**.

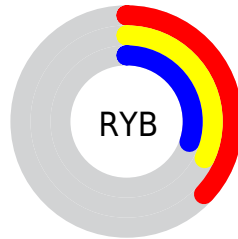
Distribution



 Red (37%)

 Green (32%)

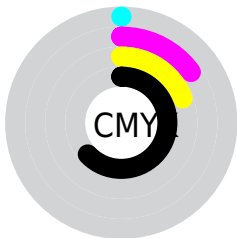
 Blue (30%)



 Red (37%)

 Yellow (32%)

 Blue (30%)

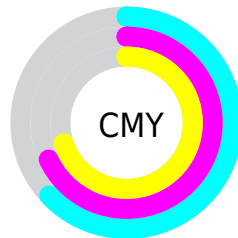


 Cyan (0%)

 Magenta (15%)

 Yellow (19%)

 Black (63%)



 Cyan (63%)

 Magenta (68%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7300, -3.8109, 9.0068 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 84.7300, -3.8109, 9.0068 by changing the saturation by 10% instead.

■ 84.7300, -3.8109,
9.0068

■ 84.7300, -3.8109,
9.0068

■ 255.0000, 0.0000,
0.0000

■ 61.4310, -3.6635,
8.3920

■ 134.3280, -4.1057,
10.2363

■ 39.5450, -3.2267,
8.2920

■ 160.3280, -4.1057,
10.2363

■ 18.9040, -4.3897,
7.9772

■ 187.5130, -4.6899,
10.9511

■ 0.0000, 0.0000,
0.0000

■ 215.5130, -4.6899,
10.9511

■ 243.2140, -4.5425,
10.3363

■ 84.7300, -3.8109,
9.0068

■ 84.7300, -3.8109,
9.0068

■ 79.5950, -5.7163,
13.5102

■ 89.8650, -1.9054,
4.5034

■ 73.7590, -7.7692,
18.6284

■ 95.7010, 0.1474,
-0.6148

■ 68.5100, -10.1114,
23.2317

■ 100.9500, 2.4896,
-5.2182

■ 62.7880, -11.7275,
28.2499

■ 106.6720, 4.1057,
-10.2363

■ 57.5390, -14.0697,
32.8533

■ 111.8070, 6.0111,
-14.7397

■ 52.4040, -15.9752,
37.3567

■ 117.0560, 8.3534,
-19.3431

■ 46.6820, -17.5912,
42.3749

■ 122.8920, 10.4062,
-24.4613

■ 41.4330, -19.9335,

■ 128.0270, 12.3117,

46.9783

-28.9647

■ 40.7320, -20.0809,
47.5930

■ 133.8630, 14.3645,
-34.0829

Harmonies

Analogous

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



85.0120, -1.4849, 9.6365



84.7300, -3.8109, 9.0068



84.0780, -4.9685, 6.9476

Triad

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



84.7300, -3.8109, 9.0068



82.3150, -1.1413, -7.2923



84.2430, 4.8102, -2.8441

Complementary

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



84.7300, -3.8109, 9.0068



87.2700, 3.8109, -9.0068

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.



83.0360, 5.4053, -7.0476



84.7300, -3.8109, 9.0068



82.1020, 1.9217, -9.7365

Square

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



84.7300, -3.8109, 9.0068



83.0660, -3.4835, -2.6889



82.6720, 4.1057, -10.2363



84.9340, 3.4835, 2.6889

Rectangle

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



84.7300, -3.8109, 9.0068



83.9420, -5.3944, 3.5589



82.6720, 4.1057, -10.2363



83.7590, 5.5418, -4.1736

Sweetspot

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



84.7300, -3.8109, 9.0068



118.2670, -1.6106, 3.2738



83.9780, 3.4618, 9.6663



58.7830, -0.8790, 1.9443



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



84.7300, -3.8109, 9.0068



106.4810, -6.1531, 13.6102



90.0130, -6.4154, 4.3736



45.7830, -0.8790, 1.9443



48.1630, -23.7444, 55.9850



102.8710, -50.7154, 120.2621

Inverse Universe

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



87.2700, 3.8109, -9.0068



110.1060, 5.8637, -14.1250



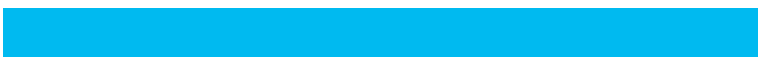
81.9870, 6.4154, -4.3736



46.2170, 0.8790, -1.9443



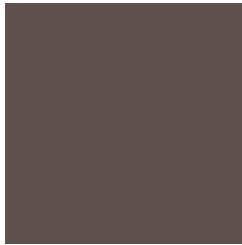
63.8370, 23.7444, -55.9850



136.5420, 51.0048, -119.7473

Previews

White Background



This preview shows how the YUV color 84.7300, -3.8109, 9.0068 looks on a white background.

Color Contrast Check

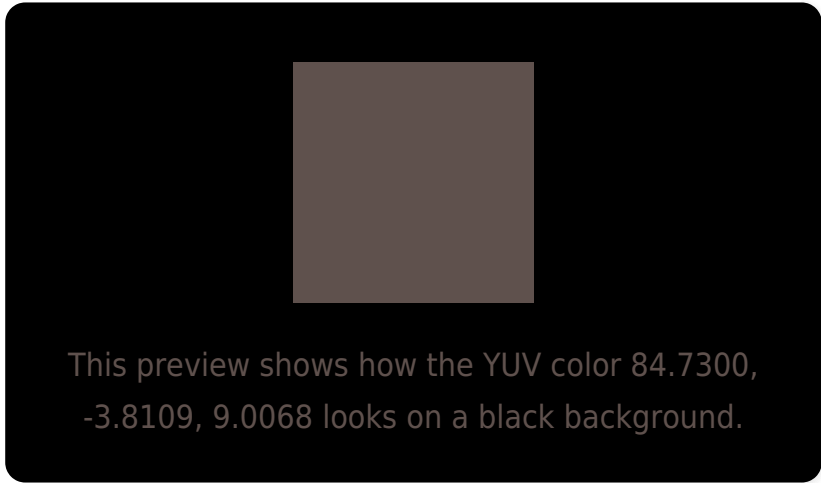
Large Text (above 18pt) WCAG AA ✓ Pass

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

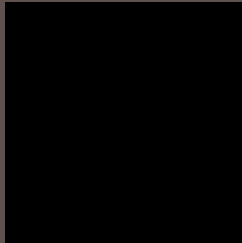
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7300, -3.8109, 9.0068

Background



This preview shows how black text looks on a background with the YUV color 84.7300, -3.8109, 9.0068.



This preview shows how white text looks on a background with the YUV color 84.7300, -3.8109,

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

84.7300, -3.8109, 9.0068

Protanopia

84.2130, -3.0630, 2.4442

Deuteranopia

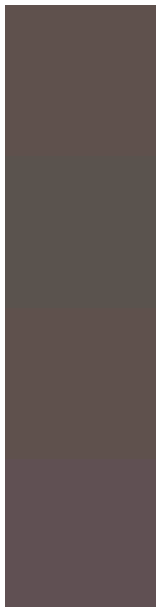
84.7300, -3.8109, 9.0068



Tritanopia

85.4680, 0.2623, 9.2366

Trichromacy



Original Color

84.7300, -3.8109, 9.0068

Protanomaly

84.5230, -3.2158, 4.8033

Deuteranomaly

84.7300, -3.8109, 9.0068

Tritanomaly

85.1260, -1.0481, 9.5365

Monochromacy



Original Color

84.7300, -3.8109, 9.0068

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7300, -3.8109, 9.0068 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(95, 81, 77)` looks like.

```
.text, #text, p{  
    color:rgb(95, 81, 77)  
}
```

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(95, 81, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 81, 77) }
```

Border

The CSS property to change the border of an element to YUV 84.7300, -3.8109, 9.0068 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(95, 81, 77) }
```


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

```
.border{ border-color:rgb(95, 81, 77) }
```

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

Here you see how a box with a 4 pixel rgb(95, 81, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 81, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 81, 77);  
box-shadow:4px 4px 4px 4px rgb(95, 81, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7300, -3.8109, 9.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 81, 77) }
```

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

```
.background{ background-color: rgb(95, 81,  
77) }
```

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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