

Converting Colors

YUV(37.7300, -3.8109, 9.0068)

Have a look what the booklet for
YUV(37.7300, -3.8109, 9.0068)
contains.

YUV(37.7300, -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(37.7300, -3.8109,
9.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	30221E
RGB	48, 34, 30
RGB Percent	19%, 13%, 12%
CMY	0.8118, 0.8667, 0.8824
CMYK	0.00, 0.29, 0.37, 0.81
HSL	13°, 23%, 15%
HSV	13°, 38%, 19%
XYZ	2.0253, 1.8662, 1.4818
YIQ	37.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

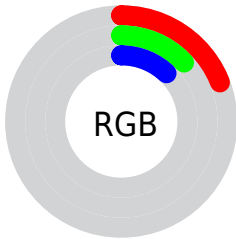
Format	Color
R_{YB}	48, 35, 30
Decimal	3154462
CIE _{Lab}	14.77, 5.99, 5.30
CIE _{LCh}	15, 8.002, 41.480
Y _{xy}	1.8662, 0.3769, 0.3473
Android (android.graphics.Color)	4281344542 (0xFF30221E)
Y _{UV}	37.7300, -3.8109, 9.0068
Hunter-Lab	13.6608, 2.5573, 3.1315

Details

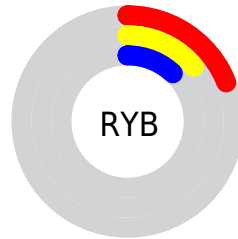
The YUV color **37.7300, -3.8109, 9.0068** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.2700, 3.8109, -9.0068**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6270, -4.2531, 10.8511**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.8120, -4.8373, 11.5659**, and if you desaturate by 10%, it is **40.6480, -2.7845, 6.4477**.

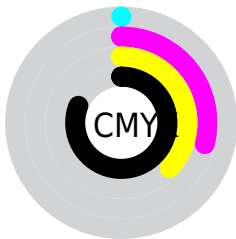
Distribution



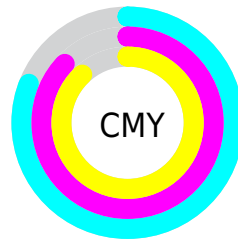
- Red (19%)
- Green (13%)
- Blue (12%)



- Red (19%)
- Yellow (14%)
- Blue (12%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (81%)



- Cyan (81%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7300, -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 37.7300, -3.8109, 9.0068 by changing the saturation by 10% instead.

■ 37.7300, -3.8109,
9.0068

■ 37.7300, -3.8109,
9.0068

■ 255.0000, 0.0000,
0.0000

■ 15.9860, -5.4161,
10.5363

■ 82.6270, -4.2531,
10.8511

■ 0.0000, 0.0000,
0.0000

■ 106.5130, -4.6899,
10.9511

■ 131.8120, -4.8373,
11.5659

■ 158.1110, -4.9847,
12.1807

■ 185.1110, -4.9847,
12.1807

■ 212.9970, -5.4215,

12.2806

■ 240.9970, -5.4215,
12.2806

■ 37.7300, -3.8109,
9.0068

■ 37.7300, -3.8109,
9.0068

■ 34.8120, -4.8373,
11.5659

■ 40.6480, -2.7845,
6.4477

■ 32.4810, -6.1531,
13.6102

■ 42.9790, -1.4686,
4.4034

■ 29.6770, -6.7428,
16.0693

■ 45.7830, -0.8790,
1.9443

■ 26.7590, -7.7692,
18.6284

■ 48.7010, 0.1474,
-0.6148

■ 23.8410, -8.7956,
21.1874

■ 51.6190, 1.1738,
-3.1739

■ 21.5100, -10.1114,
23.2317

■ 53.9500, 2.4896,
-5.2182

■ 20.8090, -10.2588,
23.8465

■ 56.8680, 3.5161,
-7.7772

■ 59.6720, 4.1057,
-10.2363

■ 62.5900, 5.1321,
-12.7954

Harmonies

Analogous

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



38.0120, -1.4849, 9.6365



37.7300, -3.8109, 9.0068



37.6650, -5.2578, 6.4328

Triad

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



37.7300, -3.8109, 9.0068



35.3150, -1.1413, -7.2923



37.0580, 5.3944, -3.5589

Complementary

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



37.7300, -3.8109, 9.0068



40.2700, 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.



36.1390, 5.8475, -8.8919



37.7300, -3.8109, 9.0068



34.5040, 2.2165, -10.9660

Square

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



37.7300, -3.8109, 9.0068



36.0660, -3.4835, -2.6889



35.0740, 4.4005, -11.4659



38.0480, 3.9203, 2.5889

Rectangle

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



37.7300, -3.8109, 9.0068



36.9420, -5.3944, 3.5589



35.0740, 4.4005, -11.4659



37.0470, 5.3998, -5.3032

Sweetspot

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



37.7300, -3.8109, 9.0068



57.2670, -1.6106, 3.2738



36.9780, 3.4618, 9.6663



28.7830, -0.8790, 1.9443



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



37.7300, -3.8109, 9.0068



45.5950, -5.7163, 13.5102



43.0130, -6.4154, 4.3736



21.5980, -0.2948, 1.2296



37.1660, -18.3228, 43.7044



92.1620, -45.4359, 106.8519

Inverse Universe

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



40.2700, 3.8109, -9.0068



49.4050, 5.7163, -13.5102



34.9870, 6.4154, -4.3736



21.8150, 0.5842, -0.7148



49.2470, 18.6122, -43.1896



122.4250, 45.1465, -107.3667

Previews

White Background



This preview shows how the YUV color 37.7300, -3.8109, 9.0068 looks on a white background.

Color Contrast Check

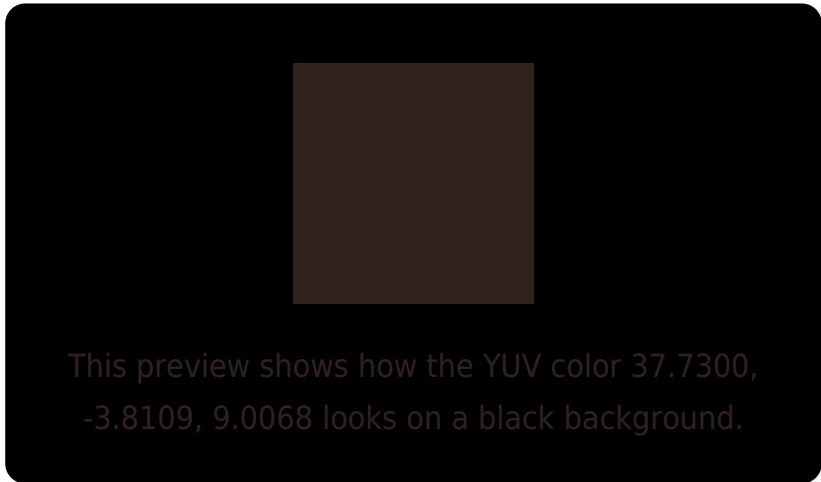
Large Text (above 18pt) WCAG AA ✓ Pass

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

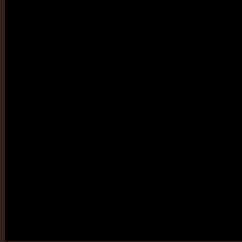
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7300, -3.8109, 9.0068

Background



This preview shows how black text looks on a background with the YUV color 37.7300, -3.8109, 9.0068.



This preview shows how white text looks on a background with the YUV color 37.7300, -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

37.7300, -3.8109, 9.0068

Protanopia

37.0280, -2.4788, 1.7294

Deuteranopia

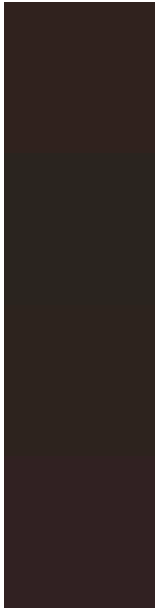
37.7080, -3.8000, 5.5181



Tritanopia

38.1260, -1.0481, 9.5365

Trichromacy



Original Color

37.7300, -3.8109, 9.0068

Protanomaly

37.2240, -3.0684, 4.1886

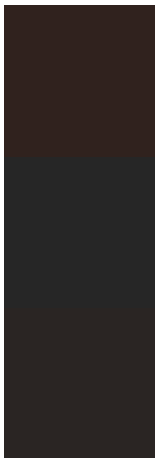
Deuteranomaly

37.4200, -3.6581, 6.6477

Tritanomaly

37.8980, -1.9217, 9.7365

Monochromacy



Original Color

37.7300, -3.8109, 9.0068

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7300, -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(48, 34, 30)` looks like.

```
.text, #text, p{  
    color:rgb(48, 34, 30)  
}
```

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(48, 34, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 34, 30) }
```

Border

The CSS property to change the border of an element to YUV 37.7300, -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(48, 34, 30) }
```


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

```
.border{ border-color:rgb(48, 34, 30) }
```

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

Here you see how a box with a 4 pixel rgb(48, 34, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 34, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 34, 30);  
box-shadow:4px 4px 4px 4px rgb(48, 34, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7300, -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(48, 34, 30) }
```

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

```
.background{ background-color: rgb(48, 34,  
30) }
```

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