

Converting Colors

YUV(38.5850, -13.5994,
68.7700)

Have a look what the booklet for
YUV(38.5850, -13.5994, 68.7700)
contains.

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Color

**YUV(38.5850, -13.5994,
68.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	75040B
RGB	117, 4, 11
RGB Percent	46%, 2%, 4%
CMY	0.5412, 0.9843, 0.9569
CMYK	0.00, 0.97, 0.91, 0.54
HSL	356°, 93%, 24%
HSV	356°, 97%, 46%
XYZ	7.4399, 3.8929, 0.6759
YIQ	38.5850, 65.1010, 26.1330

Conversions

Conversions Part 2

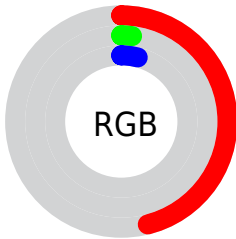
Format	Color
RYB	117, 4, 11
Decimal	7668747
CIELab	23.31, 44.43, 30.53
CIELCh	23, 53.906, 34.496
Yxy	3.8929, 0.6195, 0.3242
Android (android.graphics.Color)	4285858827 (0xFF75040B)
YUV	38.5850, -13.5994, 68.7700
Hunter-Lab	19.7304, 32.7804, 11.7803

Details

The YUV color **38.5850, -13.5994, 68.7700** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.4150, 13.5994, -68.7700**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5220, -21.4563, 68.8252**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **35.7810, -14.1890, 71.2291**, and if you desaturate by 10%, it is **46.8830, -12.2673, 61.4926**.

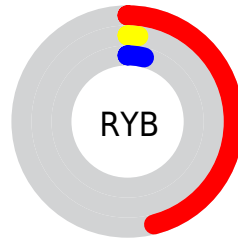
Distribution



Red (46%)

Green (2%)

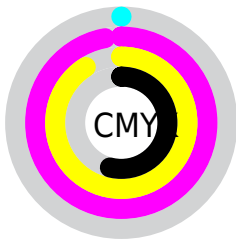
Blue (4%)



Red (46%)

Yellow (2%)

Blue (4%)

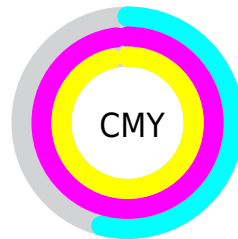


Cyan (0%)

Magenta (97%)

Yellow (91%)

Black (54%)



Cyan (54%)


Magenta (98%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 38.5850, -13.5994, 68.7700 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 38.5850, -13.5994, 68.7700 by changing the saturation by 10% instead.


 38.5850, -13.5994,
68.7700


 38.5850, -13.5994,
68.7700


 252.7200, -8.7360,
1.9996


 26.3120, -12.9718,
54.1004

 97.5220, -21.4563,
68.8252

 17.9400, -8.8444,
36.8866


 124.3760,
-23.3564, 71.5842

 8.7850, -3.8380,
17.7286

 151.7570,
-24.5302, 74.7581


 0.0000, 0.0000,
0.0000


 175.8380,
-24.0771, 69.4251


 195.2380,
-20.8233, 52.4113


 214.7520,


-17.1327, 35.2975


 234.2660,
-13.4421, 18.1837


 38.5850, -13.5994,
68.7700


 38.5850, -13.5994,
68.7700


 35.7810, -14.1890,
71.2291

 46.8830, -12.2673,
61.4926

 54.5940, -10.6458,
54.7301

 62.8920, -9.3138,
47.4527

 71.1900, -7.9817,
40.1754

 79.4880, -6.6496,
32.8980

■ 87.1990, -5.0281,
26.1355

■ 95.4970, -3.6960,
18.8581

■ 103.7950, -2.3639,
11.5808

■ 111.5060, -0.7425,
4.8182

Harmonies

Analogous

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



42.5910, 4.1456, 70.5187



38.5850, -13.5994, 68.7700



51.5970, -25.4373, 38.9414

Triad

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



38.5850, -13.5994, 68.7700



43.0280, -12.8318, -37.7356



50.9520, 42.9147, -44.6849

Complementary

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



38.5850, -13.5994, 68.7700



82.4150, 13.5994, -68.7700

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.



55.2090, 36.3790, -48.4183



38.5850, -13.5994, 68.7700



48.6310, 6.0979, -42.6494

Square

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



38.5850, -13.5994, 68.7700



43.5370, -21.4637, -22.3959



53.7780, 23.2804, -47.1633



55.1320, 33.4589, 1.6382

Rectangle

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



38.5850, -13.5994, 68.7700



53.2480, -26.2513, 19.9535



53.7780, 23.2804, -47.1633



52.5990, 41.6097, -46.1293

Sweetspot

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



38.5850, -13.5994, 68.7700



122.3840, -5.6123, 26.8502



48.2770, 33.8804, 53.2541



58.1870, -3.5432, 16.4990



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.



38.5850, -13.5994, 68.7700



46.7730, -18.6221, 93.1611



66.5500, -30.8371, 44.2447



54.7940, -0.8844, 3.6887



37.3900, -14.4893, 74.2030



76.4600, -30.2998, 152.1946

Inverse Universe

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



38.5850, -13.5994, 68.7700



46.7730, -18.6221, 93.1611



54.4500, 30.8372, -44.2446



54.7940, -0.8844, 3.6887



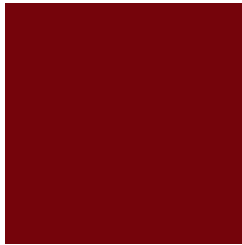
37.3900, -14.4893, 74.2030



76.4600, -30.2998, 152.1946

Previews

White Background



This preview shows how the YUV color 38.5850, -13.5994, 68.7700 looks on a white background.

Color Contrast Check

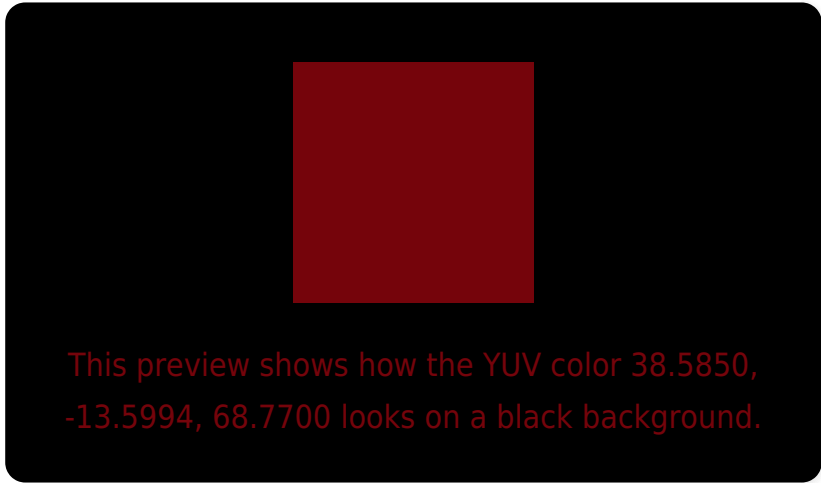
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5850, -13.5994, 68.7700

Background



This preview shows how black text looks on a background with the YUV color 38.5850, -13.5994, 68.7700.



This preview shows how white text looks on a background with the YUV color 38.5850, -13.5994,

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

38.5850, -13.5994, 68.7700

Protanopia

56.7610, -17.6302, 8.1026

Deuteranopia

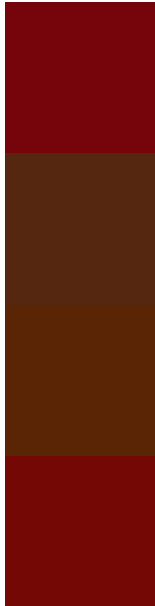
55.2970, -27.2614, 17.2795



Tritanopia

41.1410, -20.2825, 65.6513

Trichromacy



Original Color

38.5850, -13.5994, 68.7700

Protanomaly

50.2460, -16.3903, 30.4793

Deuteranomaly

49.0850, -22.2269, 35.8825

Tritanomaly

39.8360, -17.6671, 66.7958

Monochromacy



Original Color

38.5850, -13.5994, 68.7700

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6010, -4.7333, 24.9059

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.5850, -13.5994, 68.7700 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(117, 4, 11)` looks like.

```
.text, #text, p{  
    color:rgb(117, 4, 11)  
}
```

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(117, 4, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 4, 11) }
```

Border

The CSS property to change the border of an element to YUV 38.5850, -13.5994, 68.7700 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(117, 4, 11) }
```


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

```
.border{ border-color:rgb(117, 4, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 4, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 4, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 4, 11);  
box-shadow:4px 4px 4px 4px rgb(117, 4, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.5850, -13.5994, 68.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 4, 11) }
```

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

```
.background{ background-color: rgb(117, 4,  
11) }
```

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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