

Converting Colors

YUV(68.5780, -6.6940, 0.3701)

Have a look what the booklet for
YUV(68.5780, -6.6940, 0.3701)
contains.

YUV(68.5780, -6.6940, 0.3701)	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(68.5780, -6.6940,
0.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	454737
RGB	69, 71, 55
RGB Percent	27%, 28%, 22%
CMY	0.7294, 0.7216, 0.7843
CMYK	0.03, 0.00, 0.23, 0.72
HSL	68°, 13%, 25%
HSV	68°, 23%, 28%
XYZ	5.3971, 6.0475, 4.4973
YIQ	68.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

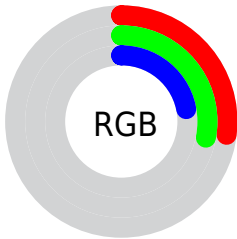
Format	Color
RYB	55, 71, 57
Decimal	4540215
CIELab	29.53, -4.08, 9.37
CIELCh	30, 10.218, 113.521
Yxy	6.0475, 0.3385, 0.3793
Android (android.graphics.Color)	4282730295 (0xFF454737)
YUV	68.5780, -6.6940, 0.3701
Hunter-Lab	24.5917, -3.8606, 6.3714

Details

The YUV color **68.5780, -6.6940, 0.3701** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57.4220, 6.6940, -0.3701**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4640, -7.1308, 0.4701**, and **25.5780, -6.6940, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **67.4810, -9.6041, 0.4552**, and if you desaturate by 10%, it is **69.6750, -3.7838, 0.2850**.

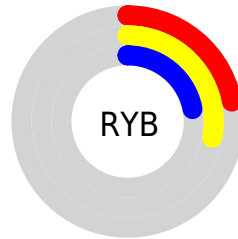
Distribution



Red (27%)

Green (28%)

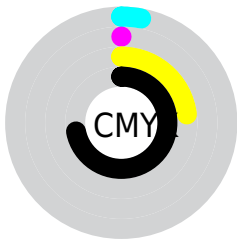
Blue (22%)



Red (22%)

Yellow (28%)

Blue (22%)

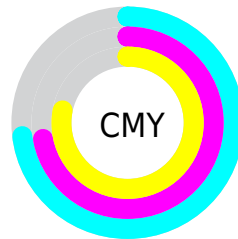


Cyan (3%)

Magenta (0%)

Yellow (23%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5780, -6.6940, 0.3701 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 68.5780, -6.6940, 0.3701 by changing the saturation by 10% instead.

■ 68.5780, -6.6940,
0.3701

■ 68.5780, -6.6940,
0.3701

■ 255.0000, 0.0000,
0.0000

■ 46.6920, -6.2572,
0.2701

■ 116.4640, -7.1308,
0.4701

■ 25.5780, -6.6940,
0.3701

■ 142.3500, -7.5675,
0.5701

■ 0.0000, 0.0000,
0.0000

■ 168.3500, -7.5675,
0.5701

■ 196.2360, -8.0043,
0.6700

■ 224.1220, -8.4411,
0.7700

■ 252.1220, -8.4411,

0.7700

■ 68.5780, -6.6940,
0.3701

■ 68.5780, -6.6940,
0.3701

■ 67.4810, -9.6041,
0.4552

■ 69.6750, -3.7838,
0.2850

■ 66.3840, -12.5143,
0.5402

■ 70.7720, -0.8736,
0.2000

■ 65.2870, -15.4245,
0.6253

■ 71.8690, 2.0366,
0.1149

■ 64.1900, -18.3347,
0.7104

■ 72.9660, 4.9468,
0.0298

■ 63.2780, -21.8291,
1.5102

■ 73.8780, 8.4411,
-0.7700

■ 62.1810, -24.7392,
1.5953

■ 74.9750, 11.3513,
-0.8551

■ 61.0840, -27.6494,
1.6803

■ 76.0720, 14.2615,
-0.9401

■ 60.2150, -29.6860,
1.5654

■ 77.1690, 17.1717,
-1.0252

■ 78.2660, 20.0819,
-1.1103

Harmonies

Analogous

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



69.0950, -7.4418, 6.9327



68.5780, -6.6940, 0.3701



67.6310, -3.7621, -6.6924

Triad

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



68.5780, -6.6940, 0.3701



67.1490, 7.3215, -15.0397



70.8920, 0.5462, 11.4957

Complementary

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



68.5780, -6.6940, 0.3701



57.4220, 6.6940, -0.3701

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.



71.0700, 3.9095, 6.0776



68.5780, -6.6940, 0.3701



68.7090, 8.0315, -9.3918

Square

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



68.5780, -6.6940, 0.3701



66.4540, 4.7062, -16.1842



70.1230, 6.8414, -0.9849



70.5780, -3.2430, 13.5251

Rectangle

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



68.5780, -6.6940, 0.3701



66.9940, -0.9830, -11.3957



70.1230, 6.8414, -0.9849



70.8210, 1.5672, 10.6810

Sweetspot

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



68.5780, -6.6940, 0.3701



90.9030, -2.9102, 0.0851



60.9580, -2.9373, 8.8068



45.2450, -1.5998, -0.2149



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



68.5780, -6.6940, 0.3701



88.2530, -10.4777, 0.6551



66.1860, -5.5147, -4.5481



35.2450, -1.5998, -0.2149



84.1260, -41.4741, 2.5205



192.7500, -95.0258, 5.4813

Inverse Universe

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



57.4220, 6.6940, -0.3701



70.7470, 10.4777, -0.6551



59.8140, 5.5147, 4.5481



32.7550, 1.5998, 0.2149



14.8740, 41.4741, -2.5205



34.2500, 95.0258, -5.4813

Previews

White Background



This preview shows how the YUV color 68.5780, -6.6940, 0.3701 looks on a white background.

Color Contrast Check

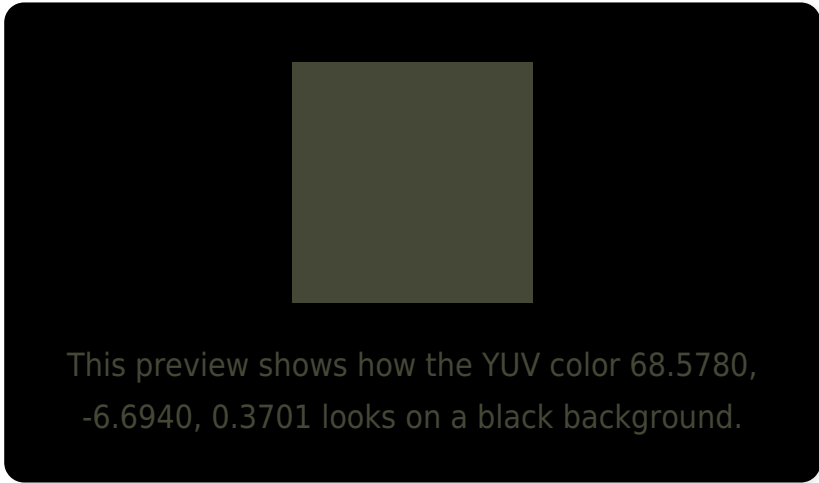
Large Text (above 18pt) WCAG AA ✓ Pass

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

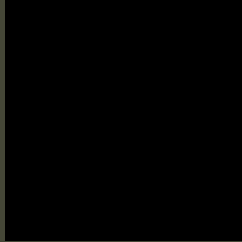
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5780, -6.6940, 0.3701

Background



This preview shows how black text looks on a background with the YUV color 68.5780, -6.6940, 0.3701.



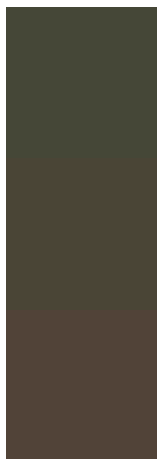
This preview shows how white text looks on a background with the YUV color 68.5780, -6.6940,

0.3701.

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

68.5780, -6.6940, 0.3701

Protanopia

68.7850, -7.2890, 4.5736

Deuteranopia

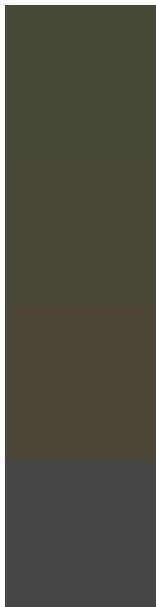
69.9320, -6.8685, 9.7066



Tritanopia

69.8800, 2.0312, 1.8592

Trichromacy



Original Color

68.5780, -6.6940, 0.3701

Protanomaly

68.7740, -7.2836, 2.8292

Deuteranomaly

69.3230, -6.5682, 6.7327

Tritanomaly

69.3700, -1.1684, 1.4295

Monochromacy



Original Color

68.5780, -6.6940, 0.3701

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5780, -6.6940, 0.3701 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(69, 71, 55)` looks like.

```
.text, #text, p{  
    color:rgb(69, 71, 55)  
}
```

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(69, 71, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 71, 55) }
```

Border

The CSS property to change the border of an element to YUV 68.5780, -6.6940, 0.3701 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(69, 71, 55) }
```


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

```
.border{ border-color:rgb(69, 71, 55) }
```

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

Here you see how a box with a 4 pixel rgb(69, 71, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 71, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 71, 55);  
box-shadow:4px 4px 4px 4px rgb(69, 71, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5780, -6.6940, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 71, 55) }
```

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

```
.background{ background-color: rgb(69, 71,  
55) }
```

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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