

Converting Colors

YUV(34.4880, -16.5096,
68.8550)

Have a look what the booklet for
YUV(34.4880, -16.5096, 68.8550)
contains.

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Color

**YUV(34.4880, -16.5096,
68.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	710101
RGB	113, 1, 1
RGB Percent	44%, 0%, 0%
CMY	0.5569, 0.9961, 0.9961
CMYK	0.00, 0.99, 0.99, 0.56
HSL	0°, 98%, 22%
HSV	0°, 99%, 44%
XYZ	6.8264, 3.5346, 0.3512
YIQ	34.4880, 66.7520, 23.7440

Conversions

Conversions Part 2

Format	Color
RYB	113, 1, 1
Decimal	7405825
CIELab	22.07, 43.75, 33.03
CIELCh	22, 54.813, 37.052
Yxy	3.5346, 0.6373, 0.3300
Android (android.graphics.Color)	4285595905 (0xFF710101)
YUV	34.4880, -16.5096, 68.8550
Hunter-Lab	18.8006, 31.9114, 12.0529

Details

The YUV color **34.4880, -16.5096, 68.8550** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.5120, 16.5096, -68.8550**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7670, -23.0561, 68.6103**, and **17.1570, -7.9654, 34.9423** is the 20% darker color. If you saturate the color by 10%, you get **33.7870, -16.6570, 69.4698**, and if you desaturate by 10%, it is **42.1990, -14.8881, 62.0925**.

Distribution



Red (44%)

Green (0%)

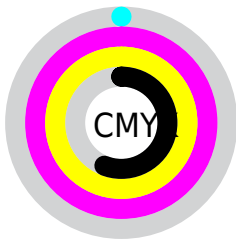
Blue (0%)



Red (44%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (56%)



Cyan (56%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.4880, -16.5096, 68.8550 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 34.4880, -16.5096, 68.8550 by changing the saturation by 10% instead.


 34.4880, -16.5096,
68.8550


 34.4880, -16.5096,
68.8550


 251.8080,
-12.2303, 2.7994

 25.1160, -12.3822,
51.6413

 93.7670, -23.0561,
68.6103


 17.1570, -7.9654,
34.9423


 120.6210,
-24.9562, 71.3694


 6.2790, -3.0955,
12.9103

 147.8880,
-26.5668, 74.6432

 0.0000, 0.0000,
0.0000

 173.1650,
-26.7033, 71.7693

 192.5650,
-23.4495, 54.7555

 211.9650,

-20.1957, 37.7417

■ 231.5930,
-16.0683, 20.5279

■ 34.4880, -16.5096,
68.8550

■ 34.4880, -16.5096,
68.8550

■ 33.7870, -16.6570,
69.4698

■ 42.1990, -14.8881,
62.0925

■ 50.6110, -13.1192,
54.7152

■ 58.3220, -11.4977,
47.9526

■ 66.0330, -9.8763,
41.1901

■ 74.4450, -8.1074,
33.8127

■ 82.1560, -6.4859,
27.0502

■ 89.8670, -4.8644,
20.2876

■ 97.5780, -3.2430,
13.5251

■ 105.9900, -1.4741,
6.1478

Harmonies

Analogous

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



41.0100, 1.9671, 69.2742



34.4880, -16.5096, 68.8550



49.2160, -24.2635, 35.7676

Triad

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



34.4880, -16.5096, 68.8550



41.3810, -11.5268, -36.2911



48.2620, 42.7618, -42.3258

Complementary

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



34.4880, -16.5096, 68.8550



79.5120, 16.5096, -68.8550

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.



53.4480, 37.2471, -46.8739



34.4880, -16.5096, 68.8550



47.5710, 7.1135, -41.7198

Square

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



34.4880, -16.5096, 68.8550



38.1770, -18.8213, -29.9732



52.1310, 24.5854, -45.7189



52.6380, 32.7165, 6.4565

Rectangle

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



34.4880, -16.5096, 68.8550



49.9810, -24.6406, 16.6797



52.1310, 24.5854, -45.7189



50.7240, 42.0411, -44.4849

Sweetspot

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



34.4880, -16.5096, 68.8550



117.1560, -6.4859, 27.0502



47.2560, 32.4118, 57.6575



55.0730, -3.9800, 16.5990



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



34.4880, -16.5096, 68.8550



44.2520, -21.8162, 90.9870



67.3600, -32.7155, 40.0263



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



79.5120, 16.5096, -68.8550



103.7480, 21.8162, -90.9870



46.6400, 32.7155, -40.0263



54.2060, 0.8844, -3.6887



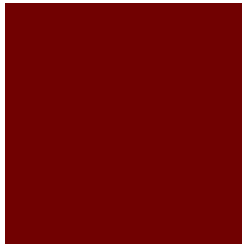
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 34.4880, -16.5096, 68.8550 looks on a white background.

Color Contrast Check

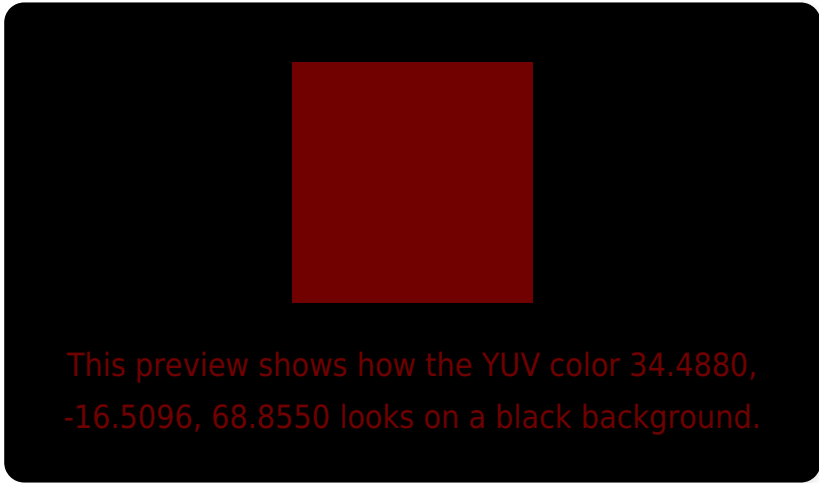
Large Text (above 18pt) WCAG AA ✓ Pass

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

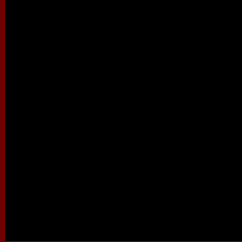
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.4880, -16.5096, 68.8550

Background



This preview shows how black text looks on a background with the YUV color 34.4880, -16.5096, 68.8550.



This preview shows how white text looks on a background with the YUV color 34.4880, -16.5096,

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

34.4880, -16.5096, 68.8550

Protanopia

54.3050, -19.3774, 8.5025

Deuteranopia

53.2260, -26.2404, 16.4648



Tritanopia

39.3580, -19.4035, 63.7070

Trichromacy



Original Color

34.4880, -16.5096, 68.8550

Protanomaly

47.3770, -18.4269, 30.3644

Deuteranomaly

46.5580, -22.9531, 35.4676

Tritanomaly

37.5970, -18.5353, 65.2514

Monochromacy



Original Color

34.4880, -16.5096, 68.8550

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.2590, -6.0437, 25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.4880, -16.5096, 68.8550 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(113, 1, 1)` looks like.

```
.text, #text, p{  
    color:rgb(113, 1, 1)  
}
```

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(113, 1, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 1, 1) }
```

Border

The CSS property to change the border of an element to YUV 34.4880, -16.5096, 68.8550 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(113, 1, 1) }
```


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

```
.border{ border-color:rgb(113, 1, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 1, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 1, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(113, 1, 1); box-shadow:4px  
4px 4px 4px rgb(113, 1, 1) }
```

Background

The CSS property to change the background color of an element to YUV 34.4880, -16.5096, 68.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 1, 1) }
```

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

```
.background{ background-color: rgb(113, 1,  
1) }
```

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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