

Converting Colors

YUV(29.3000, 5.2751, 34.8169)

Have a look what the booklet for
YUV(29.3000, 5.2751, 34.8169)
contains.

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Color

**YUV(29.3000, 5.2751,
34.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	450728
RGB	69, 7, 40
RGB Percent	27%, 3%, 16%
CMY	0.7294, 0.9725, 0.8431
CMYK	0.00, 0.90, 0.42, 0.73
HSL	328°, 82%, 15%
HSV	328°, 90%, 27%
XYZ	2.9132, 1.5704, 2.1570
YIQ	29.3000, 26.3590, 23.4070

Conversions

Conversions Part 2

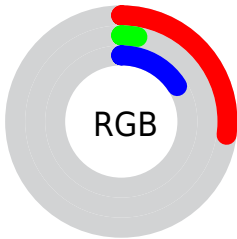
Format	Color
RYB	69, 7, 40
Decimal	4523816
CIELab	13.05, 31.27, -4.03
CIElCh	13, 31.526, 352.651
Yxy	1.5704, 0.4387, 0.2365
Android (android.graphics.Color)	4282713896 (0xFF450728)
YUV	29.3000, 5.2751, 34.8169
Hunter-Lab	12.5314, 19.5665, -1.4337

Details

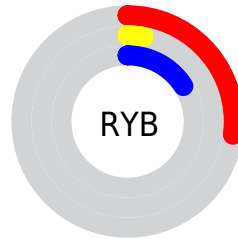
The YUV color **29.3000, 5.2751, 34.8169** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **46.7000, -5.2751, -34.8169**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0290, 2.9437, 35.9316**, and **0.8970, -0.4422, 1.8443** is the 20% darker color. If you saturate the color by 10%, you get **24.8490, 5.9904, 38.7204**, and if you desaturate by 10%, it is **33.7510, 4.5598, 30.9134**.

Distribution



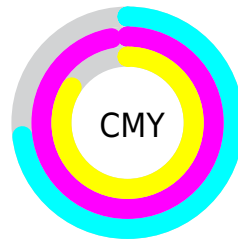
- Red (27%)
- Green (3%)
- Blue (16%)



- Red (27%)
- Yellow (3%)
- Blue (16%)



- Cyan (0%)
- Magenta (90%)
- Yellow (42%)
- Black (73%)



- Cyan (73%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3000, 5.2751, 34.8169 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 29.3000, 5.2751, 34.8169 by changing the saturation by 10% instead.

■ 29.3000, 5.2751,
34.8169

■ 29.3000, 5.2751,
34.8169

■ 247.3690, 3.7621,
6.6924

■ 16.0340, 1.9552,
26.2802

■ 79.0290, 2.9437,
35.9316

■ 0.8970, -0.4422,
1.8443

■ 103.9260, 2.5015,
37.7759

■ 0.0000, 0.0000,
0.0000

■ 129.5240, 2.2067,
39.0055


■ 156.5350, 2.2012,
40.7498


■ 183.2470, 2.3432,
41.8794

■ 209.9370, 2.4961,


39.5203

 229.6790, 7.0603,
22.2065


 29.3000, 5.2751,
34.8169


 29.3000, 5.2751,
34.8169


 24.8490, 5.9904,
38.7204

 33.7510, 4.5598,
30.9134

 38.2020, 3.8444,
27.0098

 42.7670, 3.5659,
23.0063

 47.2180, 2.8505,
19.1028

 51.6690, 2.1352,
15.1993

■ 55.5330, 1.7092,
11.8106

■ 60.0980, 1.4307,
7.8071

■ 64.5490, 0.7153,
3.9035

■ 69.0000, 0.0000,
0.0000

Harmonies

Analogous

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



34.2530, 13.1863, 17.3181



29.3000, 5.2751, 34.8169



28.5640, -5.2081, 37.2164

Triad

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



29.3000, 5.2751, 34.8169



30.0910, -14.8349, -1.8338



32.4060, 17.5478, -28.4201

Complementary

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



29.3000, 5.2751, 34.8169



46.7000, -5.2751, -34.8169

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.



30.9410, 9.3961, -27.1353



29.3000, 5.2751, 34.8169



24.0670, -11.8650, -21.1068

Square

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



29.3000, 5.2751, 34.8169



32.5490, -16.0467, 13.5505



28.3190, -0.6503, -24.8358



31.0840, 22.6366, -27.2607

Rectangle

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



29.3000, 5.2751, 34.8169



30.0120, -14.7959, 32.4385



28.3190, -0.6503, -24.8358



32.4230, 15.0745, -28.4350

Sweetspot

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



29.3000, 5.2751, 34.8169



73.6580, 2.1406, 13.4549



22.7390, 22.8067, 11.6299



36.3970, 1.2833, 8.4218



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.



29.3000, 5.2751, 34.8169



32.0830, 7.8471, 49.9162



25.7660, -8.2656, 37.9162



33.4240, 0.2840, 2.2592



35.6430, 8.5570, 55.5641



81.6670, 19.3912, 127.4570

Inverse Universe

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



29.3000, 5.2751, 34.8169



32.0830, 7.8471, 49.9162



50.2340, 8.2656, -37.9162



33.4240, 0.2840, 2.2592



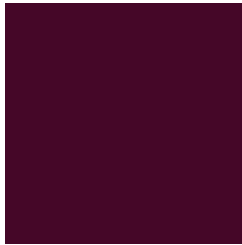
35.6430, 8.5570, 55.5641



81.6670, 19.3912, 127.4570

Previews

White Background



This preview shows how the YUV color 29.3000, 5.2751, 34.8169 looks on a white background.

Color Contrast Check

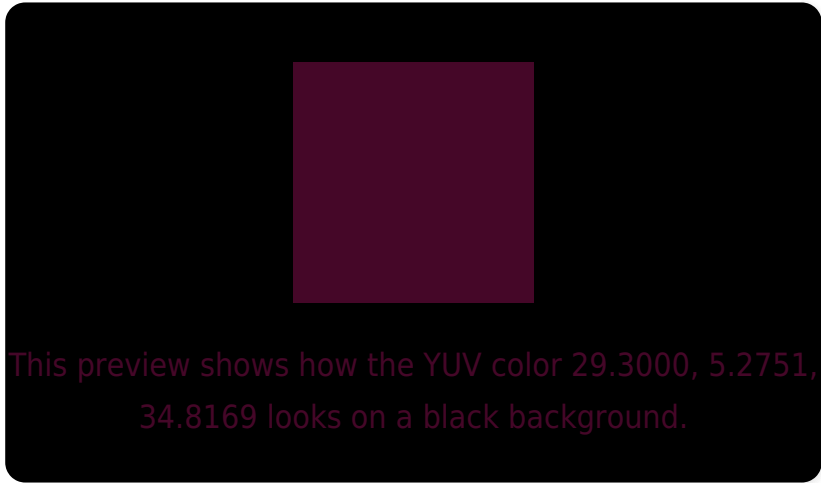
Large Text (above 18pt) WCAG AA ✓ Pass

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

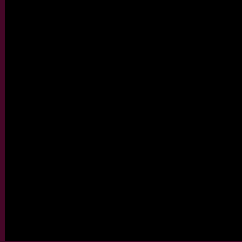
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3000, 5.2751, 34.8169

Background



This preview shows how black text looks on a background with the YUV color 29.3000, 5.2751, 34.8169.



This preview shows how white text looks on a background with the YUV color 29.3000, 5.2751, 34.8169.

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

29.3000, 5.2751, 34.8169

Protanopia

36.3010, 10.2046, -6.4030

Deuteranopia

36.7230, 0.1366, 2.8739



Tritanopia

32.2490, -7.5178, 31.3536

Trichromacy



Original Color

29.3000, 5.2751, 34.8169

Protanomaly

33.6450, 8.5560, 9.0813

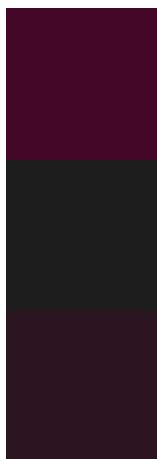
Deuteranomaly

34.2560, 1.8458, 14.6845

Tritanomaly

30.8130, -2.8658, 32.6130

Monochromacy



Original Color

29.3000, 5.2751, 34.8169

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3000, 5.2751, 34.8169 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, 7, 40)` looks like.

```
.text, #text, p{  
    color:rgb(69, 7, 40)  
}
```

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, 7, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 7, 40) }
```

Border

The CSS property to change the border of an element to YUV 29.3000, 5.2751, 34.8169 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, 7, 40) }
```


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

```
.border{ border-color:rgb(69, 7, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 7, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 7, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 7, 40); box-shadow:4px  
4px 4px 4px rgb(69, 7, 40) }
```

Background

The CSS property to change the background color of an element to YUV 29.3000, 5.2751, 34.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 7, 40) }
```

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

```
.background{ background-color: rgb(69, 7,  
40) }
```

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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