

Converting Colors

YUV(29.3960, -7.0972, 36.4867)

Have a look what the booklet for
YUV(29.3960, -7.0972, 36.4867)
contains.

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Color

**YUV(29.3960, -7.0972,
36.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	470B0F
RGB	71, 11, 15
RGB Percent	28%, 4%, 6%
CMY	0.7216, 0.9569, 0.9412
CMYK	0.00, 0.85, 0.79, 0.72
HSL	356°, 73%, 16%
HSV	356°, 85%, 28%
XYZ	2.8044, 1.6134, 0.6155
YIQ	29.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

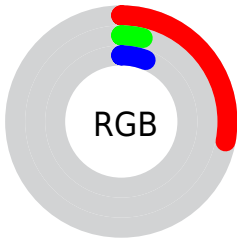
Format	Color
RYB	71, 11, 15
Decimal	4655887
CIELab	13.31, 28.16, 14.15
CIELCh	13, 31.514, 26.674
Yxy	1.6134, 0.5572, 0.3205
Android (android.graphics.Color)	4282845967 (0xFF470B0F)
YUV	29.3960, -7.0972, 36.4867
Hunter-Lab	12.7021, 17.1815, 6.0182

Details

The YUV color **29.3960, -7.0972, 36.4867** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.6040, 7.0972, -36.4867**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.2070, -10.4551, 40.1605**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.4890, -8.1291, 40.7901**, and if you desaturate by 10%, it is **34.3030, -6.0654, 32.1833**.

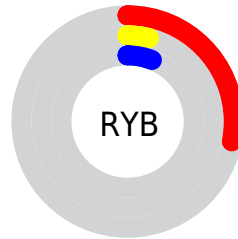
Distribution



Red (28%)

Green (4%)

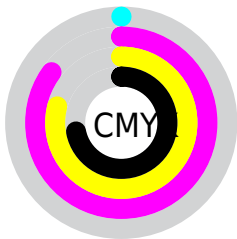
Blue (6%)



Red (28%)

Yellow (4%)

Blue (6%)

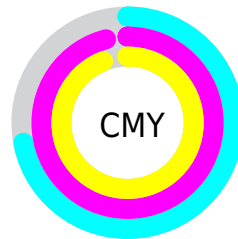


Cyan (0%)

Magenta (85%)

Yellow (79%)

Black (72%)



Cyan (72%)


Magenta (96%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 29.3960, -7.0972, 36.4867 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 29.3960, -7.0972, 36.4867 by changing the saturation by 10% instead.


 29.3960, -7.0972,
36.4867

 29.3960, -7.0972,
36.4867

 246.6050, -4.2423,
7.3624


 14.0530, -6.9281,
28.8945


 78.2070, -10.4551,
40.1605

 0.0000, 0.0000,
0.0000

 102.9900,
-11.3341, 42.1048

 129.0720,
-12.3605, 44.6639

 155.5560,
-13.0921, 45.9934

 182.5670,
-13.0975, 47.7377

 206.7620,

-12.2077, 42.3047

■ 226.3900, -8.0803,
25.0910

■ 29.3960, -7.0972,
36.4867

■ 29.3960, -7.0972,
36.4867

■ 24.4890, -8.1291,
40.7901

■ 34.3030, -6.0654,
32.1833

■ 21.7990, -8.2819,
43.1493

■ 39.0960, -5.4703,
27.9798

■ 44.0030, -4.4385,
23.6764

■ 48.9100, -3.4066,
19.3729

■ 54.2900, -3.1010,
14.6547

■ 59.1970, -2.0691,
10.3512

■ 63.9900, -1.4741,
6.1478

■ 68.8970, -0.4422,
1.8443

■ 73.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



29.6700, 4.1067, 36.2464



29.3960, -7.0972, 36.4867



32.0390, -15.7952, 26.2758

Triad

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



29.3960, -7.0972, 36.4867



25.1100, -10.4072, -22.0215



31.1980, 23.0734, -27.3606

Complementary

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



29.3960, -7.0972, 36.4867



52.6040, 7.0972, -36.4867

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.



32.7480, 18.8582, -28.7200



29.3960, -7.0972, 36.4867



29.3620, 0.8075, -25.7505

Square

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



29.3960, -7.0972, 36.4867



30.3680, -14.9714, -4.7077



31.8700, 10.4171, -27.9500



33.2330, 20.0981, -6.3433

Rectangle

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



29.3960, -7.0972, 36.4867



33.1580, -16.3469, 16.5244



31.8700, 10.4171, -27.9500



32.2580, 22.0578, -28.2903

Sweetspot

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



29.3960, -7.0972, 36.4867



75.9910, -2.9536, 14.0399



34.5840, 17.9531, 28.4288



36.3000, -1.6269, 8.5069



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.



29.3960, -7.0972, 36.4867



28.1920, -10.9407, 55.9596



44.2020, -16.3686, 23.5018



33.1960, -0.5896, 2.4591



30.3990, -11.5357, 60.1631



69.5830, -26.9094, 138.0547

Inverse Universe

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



29.3960, -7.0972, 36.4867



28.1920, -10.9407, 55.9596



37.7980, 16.3686, -23.5018



33.1960, -0.5896, 2.4591



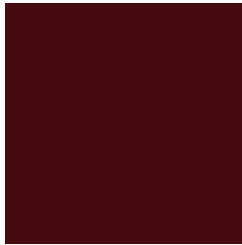
30.3990, -11.5357, 60.1631



69.5830, -26.9094, 138.0547

Previews

White Background



This preview shows how the YUV color 29.3960, -7.0972, 36.4867 looks on a white background.

Color Contrast Check

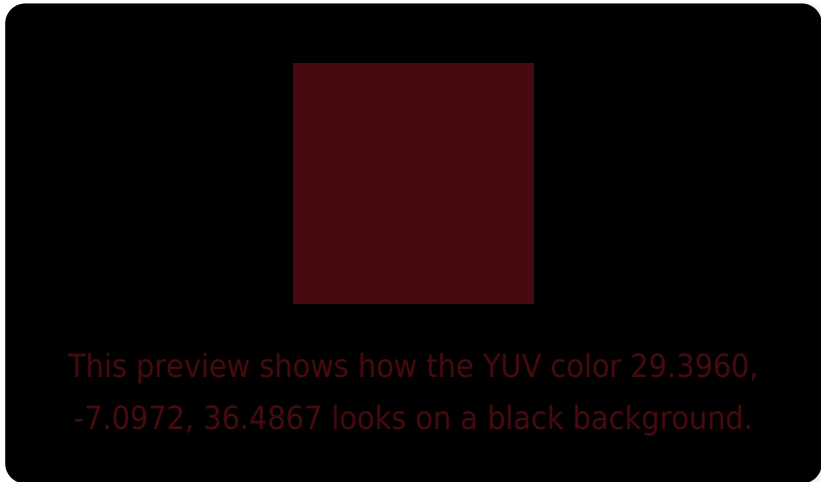
Large Text (above 18pt) WCAG AA ✓ Pass

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

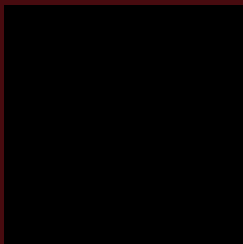
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3960, -7.0972, 36.4867

Background



This preview shows how black text looks on a background with the YUV color 29.3960, -7.0972, 36.4867.

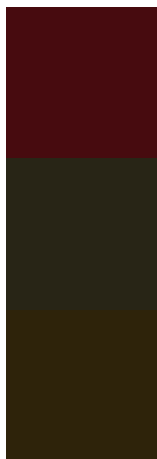


This preview shows how white text looks on a background with the YUV color 29.3960, -7.0972,

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

29.3960, -7.0972, 36.4867

Protanopia

36.1870, -6.9942, 3.3440

Deuteranopia

35.4390, -12.5414, 9.2620



Tritanopia

29.5270, -9.1338, 36.3718

Trichromacy



Original Color

29.3960, -7.0972, 36.4867

Protanomaly

33.8510, -7.3215, 15.0397

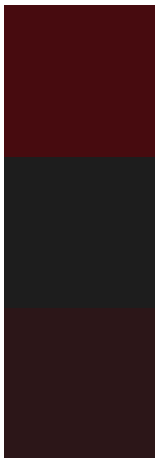
Deuteranomaly

33.0750, -10.3900, 19.2282

Tritanomaly

29.6410, -8.6970, 36.2718

Monochromacy



Original Color

29.3960, -7.0972, 36.4867

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3960, -7.0972, 36.4867 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(71, 11, 15)` looks like.

```
.text, #text, p{  
    color:rgb(71, 11, 15)  
}
```

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(71, 11, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 11, 15) }
```

Border

The CSS property to change the border of an element to YUV 29.3960, -7.0972, 36.4867 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(71, 11, 15) }
```


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

```
.border{ border-color:rgb(71, 11, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 11, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 11, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 11, 15);  
box-shadow:4px 4px 4px 4px rgb(71, 11, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.3960, -7.0972, 36.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 11, 15) }
```

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

```
.background{ background-color: rgb(71, 11,  
15) }
```

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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