

Converting Colors

YUV(25.2960, 1.3331, 39.2054)

Have a look what the booklet for
YUV(25.2960, 1.3331, 39.2054)
contains.

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Color

**YUV(25.2960, 1.3331,
39.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	46021C
RGB	70, 2, 28
RGB Percent	27%, 1%, 11%
CMY	0.7255, 0.9922, 0.8902
CMYK	0.00, 0.97, 0.60, 0.73
HSL	337°, 94%, 14%
HSV	337°, 97%, 27%
XYZ	2.7571, 1.4293, 1.2292
YIQ	25.2960, 32.1820, 22.5020

Conversions

Conversions Part 2

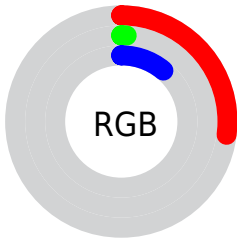
Format	Color
R_{YB}	70, 2, 28
Decimal	4588060
CIE Lab	12.15, 32.29, 3.67
CIE LCh	12, 32.494, 6.488
Yxy	1.4293, 0.5091, 0.2639
Android (android.graphics.Color)	4282778140 (0xFF46021C)
YUV	25.2960, 1.3331, 39.2054
Hunter-Lab	11.9555, 20.2422, 2.2731




Details

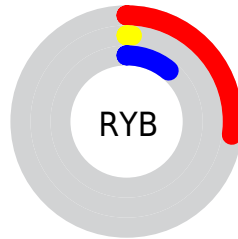
The YUV color **25.2960, 1.3331, 39.2054** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.7040, -1.3331, -39.2054**, and the grayscale version is **25.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **75.6830, -2.3087, 40.6200**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0080, 1.4751, 40.3350**, and if you desaturate by 10%, it is **29.8610, 1.0545, 35.2019**.

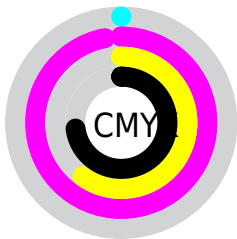
Distribution







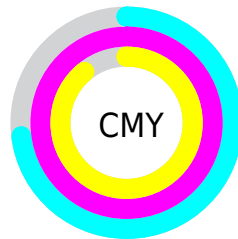
-  Red (27%)
-  Green (1%)
-  Blue (11%)






-  Red (27%)
-  Yellow (1%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (97%)
-  Yellow (60%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (99%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.2960, 1.3331, 39.2054 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 25.2960, 1.3331, 39.2054 by changing the saturation by 10% instead.

■ 25.2960, 1.3331,
39.2054

■ 25.2960, 1.3331,
39.2054

■ 245.0210, 4.9196,
8.7516

■ 14.3520, -7.0755,
29.5093

■ 75.6830, -2.3087,
40.6200

■ 0.0000, 0.0000,
0.0000

■ 100.8790, -2.8983,
43.0791

■ 126.3630, -3.6300,
44.4086

■ 153.2600, -4.0722,
46.2530

■ 180.7440, -4.8038,
47.5825


■ 205.7650, -3.3351,


43.1791

 225.3930, 0.7923,
25.9653


 25.2960, 1.3331,
39.2054

 25.2960, 1.3331,
39.2054

 24.0080, 1.4751,
40.3350

 29.8610, 1.0545,
35.2019

 34.5400, 1.2128,
31.0984

 39.1050, 0.9342,
27.0949

 43.6700, 0.6557,
23.0914

 48.3490, 0.8139,
18.9879

■ 52.9140, 0.5354,
14.9844

■ 57.4790, 0.2569,
10.9809

■ 62.1580, 0.4151,
6.8774

■ 66.7230, 0.1366,
2.8739

Harmonies

Analogous

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



29.2220, 10.2436, 27.8693



25.2960, 1.3331, 39.2054



26.4900, -13.0596, 35.5273

Triad

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



25.2960, 1.3331, 39.2054



26.1930, -12.9131, -11.5703



31.2150, 20.6000, -27.3756

Complementary

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



25.2960, 1.3331, 39.2054



46.7040, -1.3331, -39.2054

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.



30.6790, 13.4693, -26.9055



25.2960, 1.3331, 39.2054



25.3210, -7.0603, -22.2065

Square

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



25.2960, 1.3331, 39.2054



29.8470, -14.7146, 6.2732



28.7580, 3.5703, -25.2208



28.1490, 24.0835, -24.6867

Rectangle

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



25.2960, 1.3331, 39.2054



29.6800, -14.6322, 26.5906



28.7580, 3.5703, -25.2208



31.3460, 18.5634, -27.4904

Sweetspot

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



25.2960, 1.3331, 39.2054



74.2130, 0.3880, 15.5992



22.3100, 23.5112, 19.0221



35.4680, 0.2623, 9.2366



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.



25.2960, 1.3331, 39.2054



31.4980, 1.7265, 53.0603



27.0280, -12.3388, 37.6864



33.3100, -0.1528, 2.3591



33.9330, 2.0050, 57.0638



77.7910, 4.5400, 130.8563

Inverse Universe

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



25.2960, 1.3331, 39.2054



31.4980, 1.7265, 53.0603



44.9720, 12.3388, -37.6864



33.3100, -0.1528, 2.3591



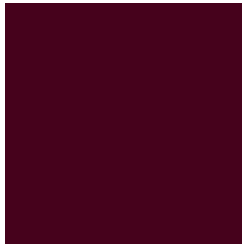
33.9330, 2.0050, 57.0638



77.7910, 4.5400, 130.8563

Previews

White Background



This preview shows how the YUV color 25.2960, 1.3331, 39.2054 looks on a white background.

Color Contrast Check

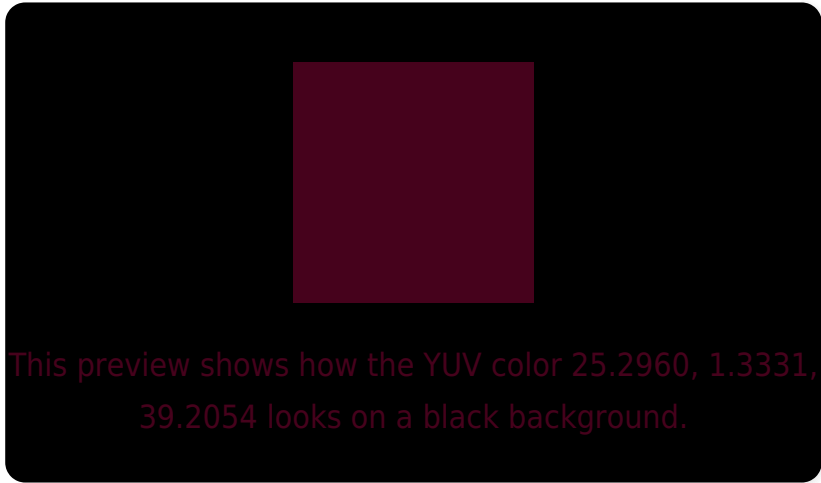
Large Text (above 18pt) WCAG AA ✓ Pass

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

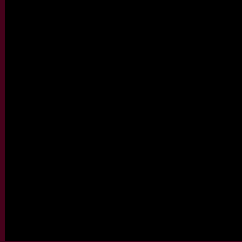
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.2960, 1.3331, 39.2054

Background



This preview shows how black text looks on a background with the YUV color 25.2960, 1.3331, 39.2054.



This preview shows how white text looks on a background with the YUV color 25.2960, 1.3331, 39.2054.

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

25.2960, 1.3331, 39.2054

Protanopia

36.2710, 2.3314, -1.1147

Deuteranopia

35.6650, -5.2578, 6.4328



Tritanopia

28.3420, -8.5496, 35.6571

Trichromacy



Original Color

25.2960, 1.3331, 39.2054

Protanomaly

32.5440, 1.7038, 13.5549

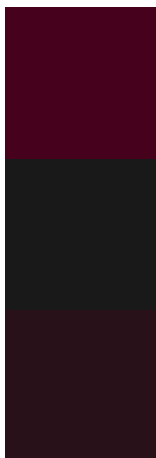
Deuteranomaly

31.7250, -2.8224, 18.6582

Tritanomaly

27.2650, -5.0606, 36.6016

Monochromacy



Original Color

25.2960, 1.3331, 39.2054

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.2020, 0.3934, 13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.2960, 1.3331, 39.2054 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(70, 2, 28)` looks like.

```
.text, #text, p{  
    color:rgb(70, 2, 28)  
}
```

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(70, 2, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 2, 28) }
```

Border

The CSS property to change the border of an element to YUV 25.2960, 1.3331, 39.2054 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(70, 2, 28) }
```


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

```
.border{ border-color:rgb(70, 2, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 2, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 2, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 2, 28); box-shadow:4px  
4px 4px 4px rgb(70, 2, 28) }
```

Background

The CSS property to change the background color of an element to YUV 25.2960, 1.3331, 39.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 2, 28) }
```

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

```
.background{ background-color: rgb(70, 2,  
28) }
```

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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