

Converting Colors

YUV(26.5340, -13.0813,
42.5047)

Have a look what the booklet for
YUV(26.5340, -13.0813, 42.5047)
contains.

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Color

**YUV(26.5340, -13.0813,
42.5047)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4B0700 |
| RGB | 75, 7, 0 |
| RGB Percent | 29%, 3%, 0% |
| CMY | 0.7059, 0.9725, 1.0000 |
| CMYK | 0.00, 0.91, 1.00, 0.71 |
| HSL | 6°, 100%, 15% |
| HSV | 6°, 100%, 29% |
| XYZ | 2.9776, 1.6478, 0.1611 |
| YIQ | 26.5340, 42.7750, 12.2390 |

Conversions

Conversions Part 2

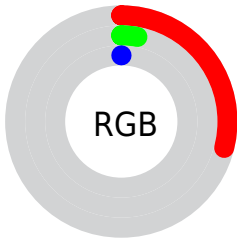
| Format | Color |
|-------------------------------------|--|
| RYB | 75, 8, 0 |
| Decimal | 4916992 |
| CIELab | 13.52, 30.39, 21.00 |
| CIELCh | 14, 36.938, 34.653 |
| Yxy | 1.6478, 0.6221, 0.3443 |
| Android (android.graphics.Color) | 4283107072 (0xFF4B0700) |
| YUV | 26.5340, -13.0813, 42.5047 |
| Hunter-Lab | 12.8367, 18.9409, 8.2415 |

Details

The YUV color **26.5340, -13.0813, 42.5047** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.4660, 13.0813, -42.5047**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3880, -14.9813, 45.2637**, and **1.7940, -0.8844, 3.6887** is the 20% darker color. If you saturate the color by 10%, you get **26.5340, -13.0813, 42.5047**, and if you desaturate by 10%, it is **31.4410, -12.0494, 38.2012**.

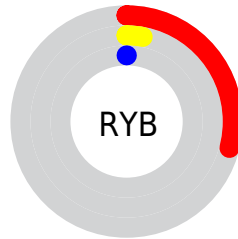
Distribution



Red (29%)

Green (3%)

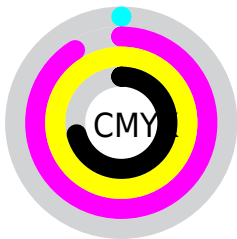
Blue (0%)



Red (29%)

Yellow (3%)

Blue (0%)

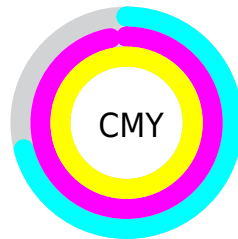


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5340, -13.0813, 42.5047 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 26.5340, -13.0813, 42.5047 by changing the saturation by 10% instead.

■ 26.5340, -13.0813,
42.5047

■ 26.5340, -13.0813,
42.5047

■ 244.0630, -8.9051,
9.5917

■ 14.6510, -7.2229,
30.1241

■ 77.3880, -14.9813,
45.2637

■ 1.7940, -0.8844,
3.6887

■ 102.4700,
-16.0077, 47.8228

■ 0.0000, 0.0000,
0.0000


■ 128.4380,
-17.4709, 50.4819


■ 155.2210,
-18.3500, 52.4262


■ 182.4170,
-18.9396, 54.8853


■ 204.8070,


-17.1599, 44.0193


 224.4350,
-13.0325, 26.8055


 26.5340, -13.0813,
42.5047

 31.4410, -12.0494,
38.2012

 36.4620, -10.5808,
33.7978

 40.8960, -8.8227,
29.9092

 45.8030, -7.7909,
25.6058

 50.8240, -6.3222,
21.2024

■ 55.7310, -5.2904,
16.8989

■ 60.7520, -3.8217,
12.4955

■ 65.0720, -2.5005,
8.7069

■ 70.0930, -1.0318,
4.3034

Harmonies

Analogous

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



26.9700, 2.4798, 44.7533



26.5340, -13.0813, 42.5047



32.3270, -15.9372, 25.1462

Triad

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



26.5340, -13.0813, 42.5047



26.7400, -9.2388, -23.4510



31.6370, 27.2940, -27.7456

Complementary

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



26.5340, -13.0813, 42.5047



48.4660, 13.0813, -42.5047

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.



34.5890, 23.3736, -30.3346



26.5340, -13.0813, 42.5047



30.7470, 3.5757, -26.9651

Square

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



26.5340, -13.0813, 42.5047



28.2530, -13.9287, -12.4999



33.5970, 14.4957, -29.4646



34.6300, 21.3814, 2.0785

Rectangle

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



26.5340, -13.0813, 42.5047



33.1360, -16.3360, 13.0357



33.5970, 14.4957, -29.4646



32.8110, 26.7152, -28.7752

Sweetspot

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



26.5340, -13.0813, 42.5047



78.4320, -5.1430, 16.2841



30.2910, 19.0835, 39.2098



37.2570, -3.0847, 9.4216



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



26.5340, -13.0813, 42.5047



34.2860, -16.9030, 55.0002



48.2530, -23.7887, 23.4571



35.7830, -0.8790, 1.9443



36.3680, -17.9294, 57.5593



81.0970, -39.9808, 130.5879

Inverse Universe

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



48.4660, 13.0813, -42.5047



62.7140, 16.9030, -55.0002



26.7470, 23.7887, -23.4571



36.8040, 0.5896, -2.4591



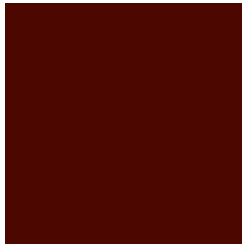
65.6320, 17.9294, -57.5593



148.3160, 40.2702, -130.0731

Previews

White Background



This preview shows how the YUV color 26.5340, -13.0813, 42.5047 looks on a white background.

Color Contrast Check

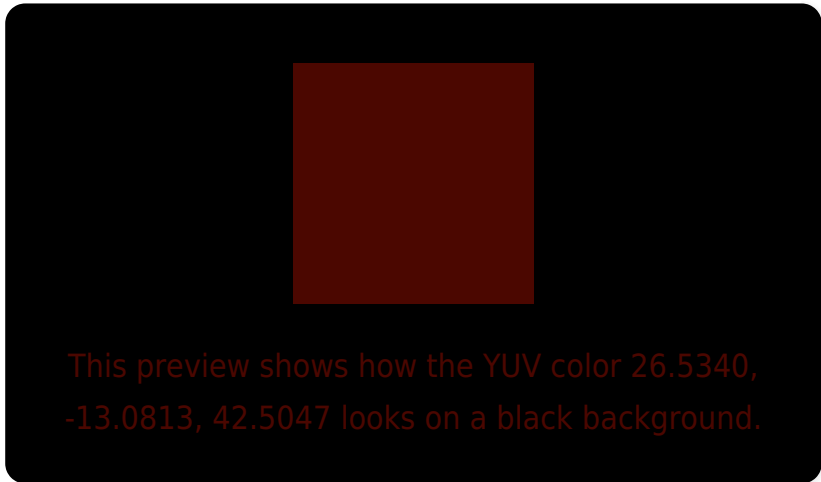
Large Text (above 18pt) WCAG AA ✓ Pass

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

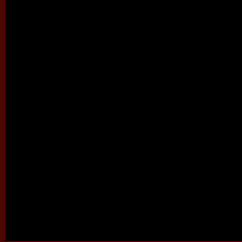
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.5340, -13.0813, 42.5047

Background



This preview shows how black text looks on a background with the YUV color 26.5340, -13.0813, 42.5047.

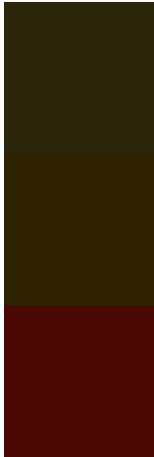


This preview shows how white text looks on a background with the YUV color 26.5340, -13.0813,

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



Protanopia

36.3030, -12.9674, 5.8733

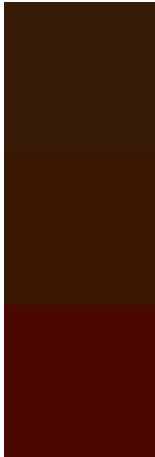
Deuteranopia

35.4840, -17.4936, 10.9765

Tritanopia

26.8760, -11.7709, 42.2047

Trichromacy



Protanomaly

32.9780, -13.3002, 19.3133

Deuteranomaly

32.0170, -15.7844, 22.7871

Tritanomaly

26.7620, -12.2077, 42.3047

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8340, -4.8482, 15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5340, -13.0813, 42.5047 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(75, 7, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 7, 0)  
}
```

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(75, 7, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 7, 0) }
```

Border

The CSS property to change the border of an element to YUV 26.5340, -13.0813, 42.5047 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(75, 7, 0) }
```

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

```
.border{ border-color:rgb(75, 7, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 7, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 7, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 7, 0); box-shadow:4px  
4px 4px 4px rgb(75, 7, 0) }
```


Background

The CSS property to change the background color of an element to YUV 26.5340, -13.0813, 42.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 7, 0) }
```

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

```
.background{ background-color: rgb(75, 7,  
0) }
```

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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