

Converting Colors

YUV(68.0040, -29.5820,
14.9055)

Have a look what the booklet for
YUV(68.0040, -29.5820, 14.9055)
contains.

| | |
|--|----|
| YUV(68.0040, -29.5820, 14.9055) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(68.0040, -29.5820,
14.9055)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 554708 |
| RGB | 85, 71, 8 |
| RGB Percent | 33%, 28%, 3% |
| CMY | 0.6667, 0.7216, 0.9686 |
| CMYK | 0.00, 0.16, 0.91, 0.67 |
| HSL | 49°, 83%, 18% |
| HSV | 49°, 91%, 33% |
| XYZ | 6.0434, 6.4553, 1.1572 |
| YIQ | 68.0040, 28.5670, -16.6250 |

Conversions

Conversions Part 2

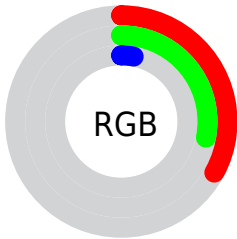
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 25, 85, 8 |
| Decimal | 5588744 |
| CIE Lab | 30.53, -1.01, 36.26 |
| CIE LCh | 31, 36.271, 91.595 |
| Yxy | 6.4553, 0.4425, 0.4727 |
| Android (android.graphics.Color) | 4283778824 (0xFF554708) |
| YUV | 68.0040, -29.5820, 14.9055 |
| Hunter-Lab | 25.4073, -2.0047, 15.0847 |

Details

The YUV color **68.0040, -29.5820, 14.9055** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.9960, 29.5820, -14.9055**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6130, -29.8822, 17.8794**, and **27.2000, -13.4096, 7.7176** is the 20% darker color. If you saturate the color by 10%, you get **66.5050, -32.7870, 16.2201**, and if you desaturate by 10%, it is **70.0900, -26.6664, 13.0761**.

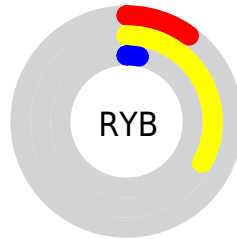
Distribution



Red (33%)

Green (28%)

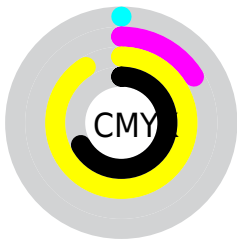
Blue (3%)



Red (10%)

Yellow (33%)

Blue (3%)

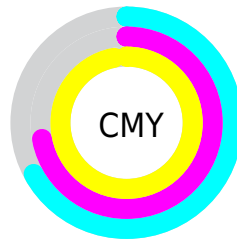


Cyan (0%)

Magenta (16%)

Yellow (91%)

Black (67%)



Cyan (67%)

Magenta (72%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0040, -29.5820, 14.9055 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 68.0040, -29.5820, 14.9055 by changing the saturation by 10% instead.

68.0040, -29.5820,
14.9055

68.0040, -29.5820,
14.9055

253.5180, -5.6784,
1.2997

47.0020, -23.1720,
12.2762

117.6130,
-29.8822, 17.8794

27.2000, -13.4096,
7.7176

143.6840,
-30.9032, 18.6941

1.7610, -0.8682,
-1.5444

170.1680,
-31.6348, 20.0237

0.0000, 0.0000,
0.0000


197.3530,
-32.2190, 20.7384


225.7230,
-33.3874, 22.1679


247.1340,


-30.1391, 6.8985


 250.3260,
-17.9087, 4.0991


 68.0040, -29.5820,
14.9055


 68.0040, -29.5820,
14.9055


 66.5050, -32.7870,
16.2201

 70.0900, -26.6664,
13.0761

 71.7030, -23.0246,
11.6615

 73.7890, -20.1090,
9.8320

 75.4020, -16.4672,
8.4174

 77.4880, -13.5516,
6.5880

■ 79.1010, -9.9098,
5.1734

■ 81.1870, -6.9942,
3.3440

■ 82.8000, -3.3524,
1.9294

■ 84.8860, -0.4368,
0.1000

Harmonies

Analogous

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



69.6070, -23.9633, 32.7937



68.0040, -29.5820, 14.9055



65.2830, -22.8175, -8.1412

Triad

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



68.0040, -29.5820, 14.9055



61.4090, 19.5184, -53.8557



73.8030, 12.4221, 29.1138

Complementary

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



68.0040, -29.5820, 14.9055



24.9960, 29.5820, -14.9055

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.



73.3740, 22.9866, 0.5490



68.0040, -29.5820, 14.9055



61.9280, 29.1225, -54.3109

Square

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



68.0040, -29.5820, 14.9055



58.2170, 7.2880, -51.0563



58.7310, 34.6426, -51.5071



71.1010, 0.4432, 44.6384

Rectangle

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



68.0040, -29.5820, 14.9055



61.3930, -13.0117, -26.6547



58.7310, 34.6426, -51.5071



73.7850, 16.3750, 21.2366

Sweetspot

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



68.0040, -29.5820, 14.9055



103.0580, -11.3676, 6.0881



32.6190, -5.2352, 45.9381



52.1870, -6.9942, 3.3440



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



68.0040, -29.5820, 14.9055



85.7200, -42.2600, 21.2936



69.0460, -30.0957, -7.0563



42.5440, -1.7472, 0.3999



83.6490, -41.2390, 20.4788



182.9690, -90.2037, 45.6312

Inverse Universe

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



24.9960, 29.5820, -14.9055



24.2800, 42.2600, -21.2936



23.9540, 30.0957, 7.0563



40.0430, 1.4578, -0.9147



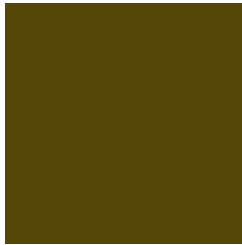
23.3510, 41.2390, -20.4788



52.0310, 90.2037, -45.6312

Previews

White Background



This preview shows how the YUV color 68.0040, -29.5820, 14.9055 looks on a white background.

Color Contrast Check

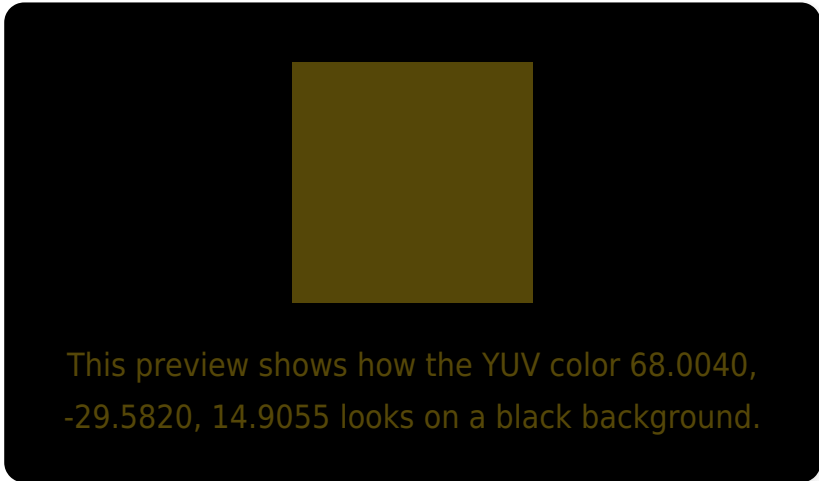
Large Text (above 18pt) WCAG AA ✓ Pass

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

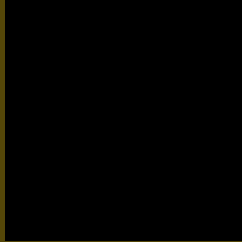
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0040, -29.5820, 14.9055

Background



This preview shows how black text looks on a background with the YUV color 68.0040, -29.5820, 14.9055.



This preview shows how white text looks on a background with the YUV color 68.0040, -29.5820,

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

68.0040, -29.5820, 14.9055

Protanopia

67.3950, -29.2817, 11.9316

Deuteranopia

68.3790, -28.2878, 19.8386



Tritanopia

73.4470, -1.2064, 13.6400

Trichromacy



Original Color

68.0040, -29.5820, 14.9055

Protanomaly

67.6940, -29.4291, 12.5464

Deuteranomaly

68.2540, -28.7192, 18.1942

Tritanomaly

71.7000, -11.6841, 14.2951

Monochromacy



Original Color

68.0040, -29.5820, 14.9055

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8730, -10.7834, 5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0040, -29.5820, 14.9055 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(85, 71, 8)` looks like.

```
.text, #text, p{  
    color:rgb(85, 71, 8)  
}
```

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(85, 71, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 71, 8) }
```

Border

The CSS property to change the border of an element to YUV 68.0040, -29.5820, 14.9055 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(85, 71, 8) }
```


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

```
.border{ border-color:rgb(85, 71, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 71, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 71, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 71, 8); box-shadow:4px  
4px 4px 4px rgb(85, 71, 8) }
```

Background

The CSS property to change the background color of an element to YUV 68.0040, -29.5820, 14.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 71, 8) }
```

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

```
.background{ background-color: rgb(85, 71,  
8) }
```

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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