

# Converting Colors

YUV(55.2970, -27.2614,  
17.2795)

Have a look what the booklet for  
YUV(55.2970, -27.2614, 17.2795)  
contains.

<b>YUV(55.2970, -27.2614, 17.2795)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(55.2970, -27.2614,  
17.2795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B3800
RGB	75, 56, 0
RGB Percent	29%, 22%, 0%
CMY	0.7059, 0.7804, 1.0000
CMYK	0.00, 0.25, 1.00, 0.71
HSL	45°, 100%, 15%
HSV	45°, 100%, 29%
XYZ	4.3158, 4.3242, 0.6072
YIQ	55.2970, 29.3000, -13.3880

# Conversions

## Conversions Part 2

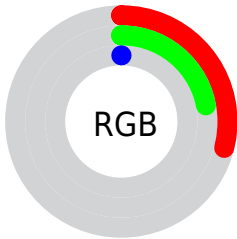
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 75, 0
Decimal	4929536
CIELab	24.72, 2.88, 33.93
CIELCh	25, 34.050, 85.145
Yxy	4.3242, 0.4667, 0.4676
Android (android.graphics.Color)	4283119616 (0xFF4B3800)
YUV	55.2970, -27.2614, 17.2795
Hunter-Lab	20.7947, 0.6559, 12.8251

# Details

The YUV color **55.2970, -27.2614, 17.2795** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19.7030, 27.2614, -17.2795**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9060, -27.5617, 20.2534**, and **15.9920, -7.8841, 8.7770** is the 20% darker color. If you saturate the color by 10%, you get **55.2970, -27.2614, 17.2795**, and if you desaturate by 10%, it is **57.2690, -24.7826, 15.5501**.

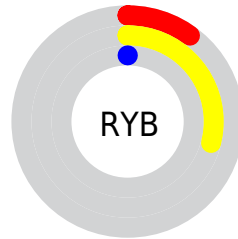
# Distribution



Red (29%)

Green (22%)

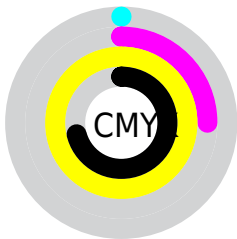
Blue (0%)



Red (10%)

Yellow (29%)

Blue (0%)

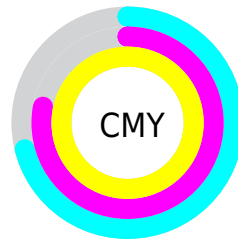


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 55.2970, -27.2614, 17.2795 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 55.2970, -27.2614, 17.2795 by changing the saturation by 10% instead.



■ 55.2970, -27.2614,  
17.2795

■ 55.2970, -27.2614,  
17.2795

■ 252.1500,  
-10.9200, 2.4994

■ 35.4950, -17.4990,  
12.7209

■ 103.9060,  
-27.5617, 20.2534

■ 15.9920, -7.8841,  
8.7770

■ 129.3900,  
-28.2933, 21.5830

■ 0.0000, 0.0000,  
0.0000

■ 155.1730,  
-29.1723, 23.5273


■ 182.2440,  
-30.1933, 24.3420


■ 210.4290,  
-30.7775, 25.0568


■ 234.6130,


-29.8822, 17.8794


 248.9580,  
-23.1503, 5.2988


 55.2970, -27.2614,  
17.2795

 57.2690, -24.7826,  
15.5501

 59.3550, -21.8670,  
13.7207

 61.4410, -18.9514,  
11.8912

 63.4130, -16.4726,  
10.1618

 65.4990, -13.5570,  
8.3324

■ 66.8840, -10.7888,  
7.1177

■ 68.9700, -7.8732,  
5.2883

■ 70.9420, -5.3944,  
3.5589

■ 73.0280, -2.4788,  
1.7294

# Harmonies

## Analogous

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



56.9320, -20.1795, 32.5086



55.2970, -27.2614, 17.2795



53.0880, -23.7074, -2.7082

# Triad

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



55.2970, -27.2614, 17.2795



50.7970, 14.3971, -44.5490



60.4000, 13.6068, 22.4512

# Complementary

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



55.2970, -27.2614, 17.2795



19.7030, 27.2614, -17.2795

# 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.



58.6180, 22.8663, -7.5580



55.2970, -27.2614, 17.2795



51.3160, 24.0012, -45.0041

# Square

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



55.2970, -27.2614, 17.2795



47.2460, 3.3297, -41.4347



49.5210, 29.8161, -43.4299



57.7520, 3.0803, 38.8055



# Rectangle

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



55.2970, -27.2614, 17.2795



50.2800, -14.9280, -18.6626



49.5210, 29.8161, -43.4299



60.5560, 16.9809, 13.5444

# Sweetspot

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



55.2970, -27.2614, 17.2795



89.5850, -10.6414, 6.5030



24.7050, -2.3196, 44.1087



43.7140, -6.2680, 3.7588



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.



55.2970, -27.2614, 17.2795



71.2670, -35.1346, 22.5678



61.3670, -30.2539, -2.9529



36.9570, -1.4578, 0.9147



75.1100, -37.0292, 23.5825



169.1470, -83.3895, 53.3681



# Inverse Universe

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



19.7030, 27.2614, -17.2795



25.7330, 35.1346, -22.5678



13.9320, 30.1065, 3.5676



35.0430, 1.4578, -0.9147



26.8900, 37.0292, -23.5825



60.2660, 83.6789, -52.8533



# Previews

## White Background



This preview shows how the YUV color 55.2970, -27.2614, 17.2795 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



This preview shows how the YUV color 55.2970, -27.2614, 17.2795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

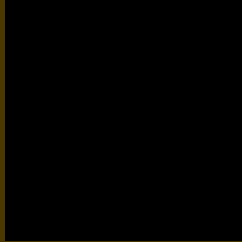
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 55.2970, -27.2614, 17.2795

## Background



This preview shows how black text looks on a background with the YUV color 55.2970, -27.2614, 17.2795.



This preview shows how white text looks on a background with the YUV color 55.2970, -27.2614,



# 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

55.2970, -27.2614, 17.2795

### Protanopia

55.1220, -25.2031, 10.4170

### Deuteranopia

55.2970, -27.2614, 17.2795



## Tritanopia

60.2300, -2.0854, 15.5843

# Trichromacy



## Original Color

55.2970, -27.2614, 17.2795

## Protanomaly

55.3180, -25.7928, 12.8761

## Deuteranomaly

55.2970, -27.2614, 17.2795

## Tritanomaly

58.2380, -10.9633, 16.4543

# Monochromacy



## Original Color

55.2970, -27.2614, 17.2795

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.8130, -9.7678, 6.3030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 55.2970, -27.2614, 17.2795 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, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 56, 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, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 56, 0) }
```

## Border

The CSS property to change the border of an element to YUV 55.2970, -27.2614, 17.2795 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, 56, 0) }
```



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

```
.border{ border-color:rgb(75, 56, 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, 56, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 56, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 56, 0); box-shadow:4px  
4px 4px 4px rgb(75, 56, 0) }
```

# Background

The CSS property to change the background color of an element to YUV 55.2970, -27.2614, 17.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 56, 0) }
```

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

```
.background{ background-color: rgb(75, 56,  
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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor