

# Converting Colors

YUV(55.5740, -27.3980,  
14.4056)

Have a look what the booklet for  
YUV(55.5740, -27.3980, 14.4056)  
contains.

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# Color

**YUV(55.5740, -27.3980,  
14.4056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	483A00
RGB	72, 58, 0
RGB Percent	28%, 23%, 0%
CMY	0.7176, 0.7725, 1.0000
CMYK	0.00, 0.19, 1.00, 0.72
HSL	48°, 100%, 14%
HSV	48°, 100%, 28%
XYZ	4.1855, 4.4038, 0.6294
YIQ	55.5740, 26.9620, -15.0700

# Conversions

## Conversions Part 2

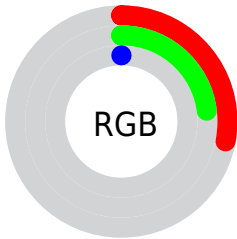
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">17, 72, 0</a>
Decimal	<a href="#">4733440</a>
CIELab	<a href="#">24.96, -0.00, 34.04</a>
CIELCh	<a href="#">25, 34.038, 90.004</a>
Yxy	<a href="#">4.4038, 0.4540, 0.4777</a>
Android (android.graphics.Color)	<a href="#">4282923520 (0xFF483A00)</a>
YUV	<a href="#">55.5740, -27.3980, 14.4056</a>
Hunter-Lab	<a href="#">20.9853, -1.1223, 12.9114</a>

# Details

The YUV color **55.5740, -27.3980, 14.4056** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.4260, 27.3980, -14.4056**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8840, -27.5508, 16.7647**, and **16.2690, -8.0206, 5.9031** is the 20% darker color. If you saturate the color by 10%, you get **55.5740, -27.3980, 14.4056**, and if you desaturate by 10%, it is **56.9590, -24.6298, 13.1910**.

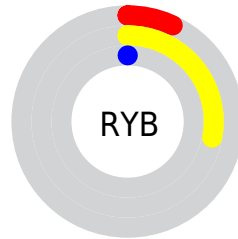
# Distribution



Red (28%)

Green (23%)

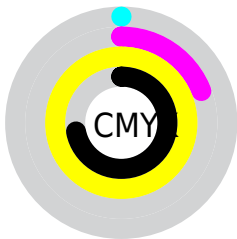
Blue (0%)



Red (7%)

Yellow (28%)

Blue (0%)

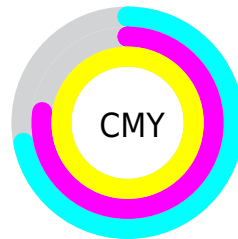


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (77%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 55.5740, -27.3980, 14.4056 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 55.5740, -27.3980, 14.4056 by changing the saturation by 10% instead.



■ 55.5740, -27.3980,  
14.4056

■ 55.5740, -27.3980,  
14.4056

■ 252.2640,  
-10.4832, 2.3995

■ 36.0710, -17.7830,  
10.4617

■ 103.8840,  
-27.5508, 16.7647

■ 16.2690, -8.0206,  
5.9031

■ 129.3680,  
-28.2824, 18.0943

■ 0.0000, 0.0000,  
0.0000

■ 155.7380,  
-29.4508, 19.5238


■ 182.9230,  
-30.0350, 20.2385


■ 210.4070,  
-30.7667, 21.5681


■ 235.9010,


-30.0242, 16.7498


 248.9580,  
-23.1503, 5.2988


 55.5740, -27.3980,  
14.4056

 56.9590, -24.6298,  
13.1910

 58.9310, -22.1510,  
11.4615

 60.4300, -18.9460,  
10.1469

 62.4020, -16.4672,  
8.4174

 63.7870, -13.6990,  
7.2028

■ 65.1720, -10.9308,  
5.9882

■ 67.1440, -8.4520,  
4.2587

■ 68.6430, -5.2470,  
2.9441

■ 70.6150, -2.7682,  
1.2146

# Harmonies

## Analogous

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



57.1660, -21.7738, 30.5494



55.5740, -27.3980, 14.4056



52.9350, -21.6600, -6.0820

# Triad

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



55.5740, -27.3980, 14.4056



51.2530, 16.1443, -44.9489



60.6670, 11.9962, 25.7250

# Complementary

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



55.5740, -27.3980, 14.4056



16.4260, 27.3980, -14.4056

# 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.



59.7220, 21.8291, -1.5102



55.5740, -27.3980, 14.4056



51.7720, 25.7484, -45.4040

# Square

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



55.5740, -27.3980, 14.4056



48.2890, 4.7875, -42.3495



49.0480, 30.5423, -43.0151



57.8940, 1.0383, 40.4350



# Rectangle

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



55.5740, -27.3980, 14.4056



49.5290, -12.5858, -23.2659



49.0480, 30.5423, -43.0151



61.5350, 15.5122, 17.9478

# Sweetspot

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



55.5740, -27.3980, 14.4056



87.8730, -10.7834, 5.3734



23.1240, -4.4981, 42.8643



44.3010, -6.5574, 3.2440



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.



55.5740, -27.3980, 14.4056



72.7180, -35.8500, 18.6643



57.2140, -28.2065, -6.3267



34.9570, -1.4578, 0.9147



76.5610, -37.7446, 19.6790



175.2940, -86.4199, 45.3462



# Inverse Universe

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



16.4260, 27.3980, -14.4056



21.2820, 35.8500, -18.6643



14.7860, 28.2065, 6.3267



33.0430, 1.4578, -0.9147



22.4390, 37.7446, -19.6790

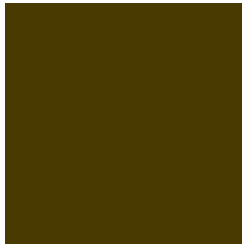


51.7060, 86.4199, -45.3462



# Previews

## White Background



This preview shows how the YUV color 55.5740, -27.3980, 14.4056 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 55.5740, -27.3980, 14.4056 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

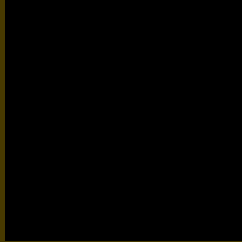
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 55.5740, -27.3980, 14.4056

## Background



This preview shows how black text looks on a background with the YUV color 55.5740, -27.3980, 14.4056.



This preview shows how white text looks on a background with the YUV color 55.5740, -27.3980,



# 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

55.5950, -25.9293, 10.0022

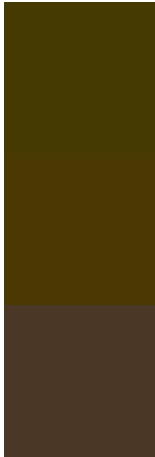
### Deuteranopia

56.4540, -25.3668, 16.2648

### Tritanopia

60.7350, -1.3484, 12.5104

# Trichromacy



## Protanomaly

55.4920, -26.3716, 11.8465

## Deuteranomaly

55.9270, -26.0930, 15.8500

## Tritanomaly

58.6290, -10.6631, 13.4804

# Monochromacy



## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

56.1010, -9.9098, 5.1734

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 55.5740, -27.3980, 14.4056 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(72, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(72, 58, 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(72, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 58, 0) }
```

## Border

The CSS property to change the border of an element to YUV 55.5740, -27.3980, 14.4056 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(72, 58, 0) }
```

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

```
.border{ border-color:rgb(72, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(72, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 58, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 58, 0); box-shadow:4px  
4px 4px 4px rgb(72, 58, 0) }
```



# Background

The CSS property to change the background color of an element to YUV 55.5740, -27.3980, 14.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 58, 0) }
```

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

```
.background{ background-color: rgb(72, 58,  
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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