

# Converting Colors

YUV(53.7230, -26.4854,  
48.4779)

Have a look what the booklet for  
YUV(53.7230, -26.4854, 48.4779)  
contains.

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# Color

**YUV(53.7230, -26.4854,  
48.4779)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2400
RGB	109, 36, 0
RGB Percent	43%, 14%, 0%
CMY	0.5725, 0.8588, 1.0000
CMYK	0.00, 0.67, 1.00, 0.57
HSL	20°, 100%, 21%
HSV	20°, 100%, 43%
XYZ	6.9376, 4.5130, 0.5054
YIQ	53.7230, 55.0640, 4.2800

# Conversions

## Conversions Part 2

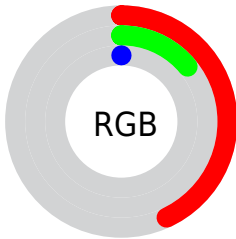
Format	Color
<a href="#">RYB</a>	<a href="#">109, 54, 0</a>
Decimal	<a href="#">7152640</a>
CIELab	<a href="#">25.30, 30.94, 36.39</a>
CIElCh	<a href="#">25, 47.767, 49.625</a>
Yxy	<a href="#">4.5130, 0.5803, 0.3775</a>
Android (android.graphics.Color)	<a href="#">4285342720 (0xFF6D2400)</a>
YUV	<a href="#">53.7230, -26.4854, 48.4779</a>
Hunter-Lab	<a href="#">21.2437, 21.1161, 13.4600</a>

# Details

The YUV color **53.7230, -26.4854, 48.4779** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **55.2770, 26.4854, -48.4779**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5990, -28.3963, 54.7257**, and **16.1460, -7.9600, 33.1980** is the 20% darker color. If you saturate the color by 10%, you get **53.7230, -26.4854, 48.4779**, and if you desaturate by 10%, it is **59.0860, -23.7064, 43.7746**.

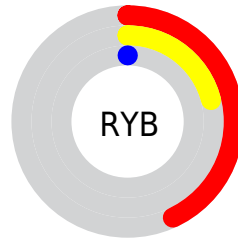
# Distribution



Red (43%)

Green (14%)

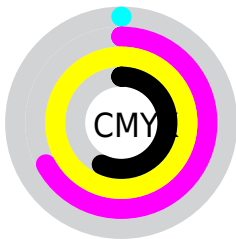
Blue (0%)



Red (43%)

Yellow (21%)

Blue (0%)

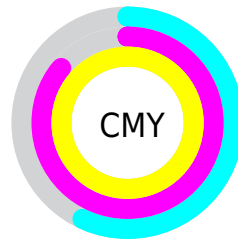


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (86%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.7230, -26.4854, 48.4779 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 53.7230, -26.4854, 48.4779 by changing the saturation by 10% instead.



■ 53.7230, -26.4854,  
48.4779

■ 53.7230, -26.4854,  
48.4779

■ 252.0360,  
-11.3567, 2.5994

■ 30.6760, -15.1233,  
44.1341

■ 104.5990,  
-28.3963, 54.7257

■ 16.1460, -7.9600,  
33.1980

■ 130.6810,  
-29.4227, 57.2848

■ 6.8770, -3.3904,  
14.1399

■ 157.6490,  
-30.8860, 59.9438


■ 0.0000, 0.0000,  
0.0000


■ 185.0190,  
-32.0544, 61.3733


■ 203.8320,  
-28.5112, 44.8743


■ 223.3460,


-24.8206, 27.7606


 243.4470,  
-21.4194, 10.1320


 53.7230, -26.4854,  
48.4779

 59.0860, -23.7064,  
43.7746

 65.0360, -21.2167,  
38.5564

 70.3990, -18.4377,  
33.8531

 75.7620, -15.6587,  
29.1497

 81.7120, -13.1690,  
23.9316

■ 86.9610, -10.8268,  
19.3282

■ 92.3240, -8.0477,  
14.6249

■ 97.6870, -5.2687,  
9.9215

■ 103.6370, -2.7790,  
4.7034

# Harmonies

## Analogous

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



48.1420, -5.0000, 63.8965



53.7230, -26.4854, 48.4779



57.1130, -28.1567, 24.4569

# Triad

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



53.7230, -26.4854, 48.4779



49.2690, -1.6116, -43.2089



51.7640, 38.0773, -33.1190

# Complementary

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



53.7230, -26.4854, 48.4779



55.2770, 26.4854, -48.4779

# 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.



54.9640, 37.9787, -48.2034



53.7230, -26.4854, 48.4779



53.4870, 14.5499, -46.9081

# Square

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



53.7230, -26.4854, 48.4779



42.7200, -19.0890, -37.4654



56.5480, 28.8168, -49.5926



60.2400, 23.0527, 26.0995



# Rectangle

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



53.7230, -26.4854, 48.4779



55.5300, -27.3763, 7.4282



56.5480, 28.8168, -49.5926



50.8550, 40.0045, -44.5998

# Sweetspot

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



53.7230, -26.4854, 48.4779



121.0750, -10.3900, 19.2282



41.0270, 16.2557, 59.6123



58.1710, -6.0003, 11.2510



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



53.7230, -26.4854, 48.4779



70.3460, -34.6806, 63.7176



84.8340, -41.8232, 21.1936



50.9680, -1.4632, 2.6591



57.8760, -28.5329, 51.8517



120.8020, -59.5554, 108.9216



# Inverse Universe

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



55.2770, 26.4854, -48.4779



72.6540, 34.6806, -63.7176



24.1660, 41.8232, -21.1936



51.0320, 1.4632, -2.6591



59.7110, 28.2435, -52.3665

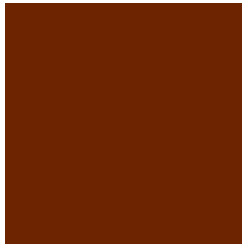


124.1980, 59.5554, -108.9216



# Previews

## White Background



This preview shows how the YUV color 53.7230, -26.4854, 48.4779 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

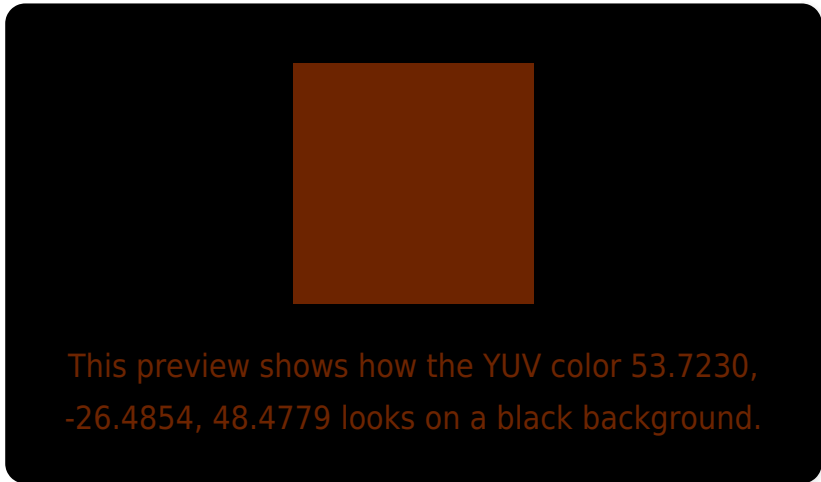
Any Text WCAG AA ✓ Pass

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 53.7230, -26.4854, 48.4779**

## **Background**



This preview shows how black text looks on a background with the YUV color 53.7230, -26.4854, 48.4779.



This preview shows how white text looks on a background with the YUV color 53.7230, -26.4854,



# 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

53.7230, -26.4854, 48.4779

### Protanopia

58.3930, -22.8717, 9.3023

### Deuteranopia

57.3680, -28.2824, 18.0943



## Tritanopia

56.8380, -10.7661, 46.6231

# Trichromacy



## Original Color

53.7230, -26.4854, 48.4779

## Protanomaly

57.1390, -24.2255, 23.5571

## Deuteranomaly

55.9610, -27.5888, 28.9752

## Tritanomaly

55.9430, -16.7339, 47.4080

# Monochromacy



## Original Color

53.7230, -26.4854, 48.4779

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

53.5910, -9.6584, 17.8987

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.7230, -26.4854, 48.4779 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(109, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 36, 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(109, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 36, 0) }
```

## Border

The CSS property to change the border of an element to YUV 53.7230, -26.4854, 48.4779 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(109, 36, 0) }
```



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

```
.border{ border-color:rgb(109, 36, 0) }
```

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

Here you see how a box with a 4 pixel rgb(109, 36, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 36, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 53.7230, -26.4854, 48.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 36, 0) }
```

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

```
.background{ background-color: rgb(109, 36,  
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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