

# Converting Colors

YUV(66.4270, -27.8185, 9.2725)

Have a look what the booklet for  
YUV(66.4270, -27.8185, 9.2725)  
contains.

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# Color

**YUV(66.4270, -27.8185,  
9.2725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D480A
RGB	77, 72, 10
RGB Percent	30%, 28%, 4%
CMY	0.6980, 0.7176, 0.9608
CMYK	0.00, 0.06, 0.87, 0.70
HSL	56°, 77%, 17%
HSV	56°, 87%, 30%
XYZ	5.4327, 6.2344, 1.2042
YIQ	66.4270, 22.8820, -18.2220

# Conversions

## Conversions Part 2

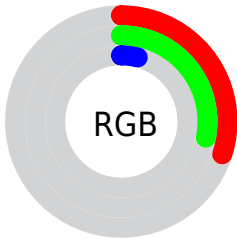
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 77, 10
Decimal	5064714
CIELab	30.00, -5.66, 34.74
CIELCh	30, 35.202, 99.248
Yxy	6.2344, 0.4221, 0.4844
Android (android.graphics.Color)	4283254794 (0xFF4D480A)
YUV	66.4270, -27.8185, 9.2725
Hunter-Lab	24.9688, -4.8574, 14.6188

# Details

The YUV color **66.4270, -27.8185, 9.2725** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.5730, 27.8185, -9.2725**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3240, -28.2607, 11.1169**, and **25.6940, -12.6671, 2.8994** is the 20% darker color. If you saturate the color by 10%, you get **64.9280, -31.0235, 10.5871**, and if you desaturate by 10%, it is **67.9260, -24.6135, 7.9579**.

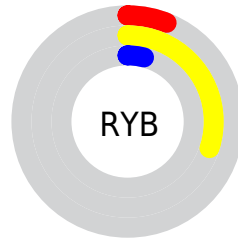
# Distribution



Red (30%)

Green (28%)

Blue (4%)



Red (6%)

Yellow (30%)

Blue (4%)

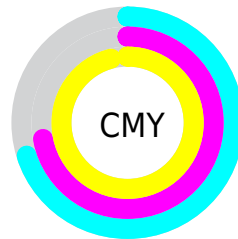


Cyan (0%)

Magenta (6%)

Yellow (87%)

Black (70%)



Cyan (70%)

Magenta (72%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.4270, -27.8185, 9.2725 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 66.4270, -27.8185, 9.2725 by changing the saturation by 10% instead.



66.4270, -27.8185,  
9.2725

66.4270, -27.8185,  
9.2725

253.6320, -5.2416,  
1.1997

45.4960, -22.4295,  
7.4580

115.3240,  
-28.2607, 11.1169

25.6940, -12.6671,  
2.8994

141.3950,  
-29.2817, 11.9316

0.0000, 0.0000,  
0.0000

167.8790,  
-30.0133, 13.2611

195.6510,  
-30.8869, 13.4611

223.8360,  
-31.4711, 14.1758

247.2480,

-29.7023, 6.7985

■ 250.4400,  
-17.4719, 3.9991

■ 66.4270, -27.8185,  
9.2725

■ 66.4270, -27.8185,  
9.2725

■ 64.9280, -31.0235,  
10.5871

■ 67.9260, -24.6135,  
7.9579

■ 64.7000, -31.8971,  
10.7871

■ 68.7240, -21.5559,  
7.2581

■ 70.2230, -18.3509,  
5.9434

■ 71.1350, -14.8566,  
5.1436

■ 72.6340, -11.6516,  
3.8290

■ 73.4320, -8.5940,  
3.1291

■ 74.9310, -5.3890,  
1.8145

■ 76.4300, -2.1840,  
0.4999

■ 77.2280, 0.8736,  
-0.2000

# Harmonies

## Analogous

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



68.2320, -25.2574, 27.8605



66.4270, -27.8185, 9.2725



63.2760, -18.8701, -14.2741

# Triad

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



66.4270, -27.8185, 9.2725



60.6910, 21.8443, -53.2260



72.0270, 9.3537, 33.3023

# Complementary

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



66.4270, -27.8185, 9.2725



20.5730, 27.8185, -9.2725

# 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.



72.9190, 19.7599, 8.8410



66.4270, -27.8185, 9.2725



60.2810, 30.4275, -52.8664

# Square

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



66.4270, -27.8185, 9.2725



58.3140, 10.1982, -51.1414



64.5980, 29.7782, -31.2194



69.4770, -3.1932, 44.3087



# Rectangle

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



66.4270, -27.8185, 9.2725



57.0050, -7.8905, -35.9614



64.5980, 29.7782, -31.2194



72.6070, 13.0117, 26.6547

# Sweetspot

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



66.4270, -27.8185, 9.2725



95.5630, -10.6306, 3.0142



30.7170, -7.2555, 40.5902



48.5890, -6.6994, 2.1144



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



66.4270, -27.8185, 9.2725



83.6050, -41.2173, 13.5014



60.9900, -25.1381, -10.5152



37.5440, -1.7472, 0.3999



85.6760, -42.2383, 14.3161



193.2140, -95.2545, 32.2613



# Inverse Universe

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



20.5730, 27.8185, -9.2725



15.3950, 41.2173, -13.5014



26.0100, 25.1381, 10.5152



35.0430, 1.4578, -0.9147



16.3240, 42.2383, -14.3161



36.1990, 95.5439, -31.7465



# Previews

## White Background



This preview shows how the YUV color 66.4270, -27.8185, 9.2725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

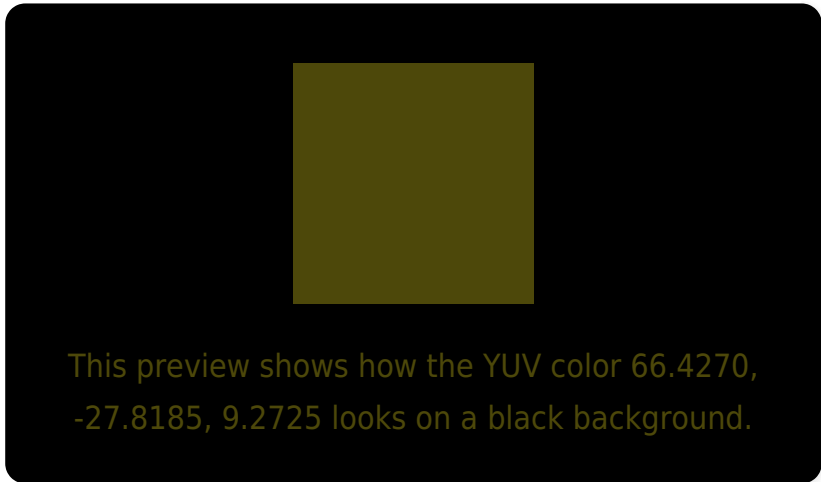
Any Text WCAG AA ✓ Pass

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

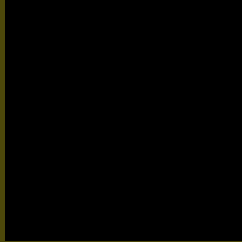
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 66.4270, -27.8185, 9.2725

## Background



This preview shows how black text looks on a background with the YUV color 66.4270, -27.8185, 9.2725.



This preview shows how white text looks on a background with the YUV color 66.4270, -27.8185,



# 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

66.4270, -27.8185, 9.2725

### Protanopia

66.7370, -27.9713, 11.6317

### Deuteranopia

67.5360, -26.3932, 18.8239



## Tritanopia

71.7560, 0.1203, 8.1070

# Trichromacy



## Original Color

66.4270, -27.8185, 9.2725

## Protanomaly

66.4380, -27.8239, 11.0169

## Deuteranomaly

67.4000, -26.8192, 15.4352

## Tritanomaly

70.0090, -10.3574, 8.7621

# Monochromacy



## Original Color

66.4270, -27.8185, 9.2725

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

66.0900, -9.9044, 3.4291

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.4270, -27.8185, 9.2725 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(77, 72, 10)` looks like.

```
.text, #text, p{  
    color:rgb(77, 72, 10)  
}
```

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(77, 72, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 72, 10) }
```

## Border

The CSS property to change the border of an element to YUV 66.4270, -27.8185, 9.2725 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(77, 72, 10) }
```



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

```
.border{ border-color:rgb(77, 72, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 72, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 72, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 72, 10);  
box-shadow:4px 4px 4px 4px rgb(77, 72, 10)  
}
```

# Background

The CSS property to change the background color of an element to YUV 66.4270, -27.8185, 9.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 72, 10) }
```

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

```
.background{ background-color: rgb(77, 72,  
10) }
```

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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