

# Converting Colors

YUV(67.3720, -27.7914, 0.5508)

Have a look what the booklet for  
YUV(67.3720, -27.7914, 0.5508)  
contains.

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# Color

**YUV(67.3720, -27.7914,  
0.5508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	444E0B
RGB	68, 78, 11
RGB Percent	27%, 31%, 4%
CMY	0.7333, 0.6941, 0.9569
CMYK	0.13, 0.00, 0.86, 0.69
HSL	69°, 75%, 17%
HSV	69°, 86%, 31%
XYZ	5.1687, 6.7019, 1.3378
YIQ	67.3720, 15.5470, -22.9570

# Conversions

## Conversions Part 2

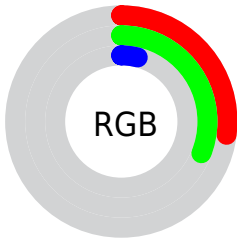
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 78, 21
Decimal	4476427
CIE <sub>Lab</sub>	31.12, -13.67, 35.09
CIE <sub>LCh</sub>	31, 37.656, 111.279
Yxy	6.7019, 0.3913, 0.5074
Android (android.graphics.Color)	4282666507 (0xFF444E0B)
YUV	67.3720, -27.7914, 0.5508
Hunter-Lab	25.8880, -9.6654, 15.0577

# Details

The YUV color **67.3720, -27.7914, 0.5508** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21.6280, 27.7914, -0.5508**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6710, -27.9388, 1.1655**, and **26.2370, -12.9348, -4.5928** is the 20% darker color. If you saturate the color by 10%, you get **66.1610, -31.1384, 0.7358**, and if you desaturate by 10%, it is **68.5830, -24.4444, 0.3657**.

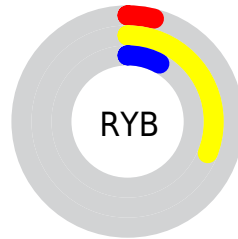
# Distribution



Red (27%)

Green (31%)

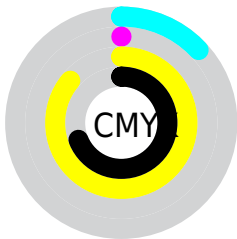
Blue (4%)



Red (4%)

Yellow (31%)

Blue (8%)

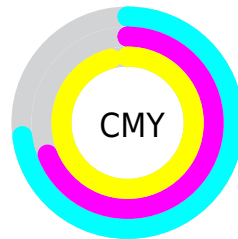


Cyan (13%)

Magenta (0%)

Yellow (86%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 67.3720, -27.7914, 0.5508 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 67.3720, -27.7914, 0.5508 by changing the saturation by 10% instead.



67.3720, -27.7914,  
0.5508

67.3720, -27.7914,  
0.5508

253.9740, -3.9312,  
0.8998

45.7400, -22.5498,  
-0.6490

116.6710,  
-27.9388, 1.1655

26.2370, -12.9348,  
-4.5928

142.7420,  
-28.9598, 1.9803

4.6960, -2.3151,  
-4.1184

169.5140,  
-29.8334, 2.1802

0.0000, 0.0000,  
0.0000

196.6990,  
-30.4176, 2.8950

224.5850,  
-30.8544, 2.9950

247.4760,

-28.8287, 6.5985

■ 250.6680,  
-16.5983, 3.7992

■ 67.3720, -27.7914,  
0.5508

■ 67.3720, -27.7914,  
0.5508

■ 66.1610, -31.1384,  
0.7358

■ 68.5830, -24.4444,  
0.3657

■ 65.5200, -32.3014,  
0.4210

■ 69.7940, -21.0974,  
0.1807

■ 70.8910, -18.1873,  
0.0956

■ 72.4010, -14.9877,  
0.5253

■ 73.6120, -11.6407,  
0.3403

■ 74.8230, -8.2937,  
0.1552

■ 76.0340, -4.9468,  
-0.0298

■ 77.1310, -2.0366,  
-0.1149

■ 78.3420, 1.3104,  
-0.2999

# Harmonies

## Analogous

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



69.8200, -30.4773, 22.0829



67.3720, -27.7914, 0.5508



62.1540, -13.8799, -28.1991

# Triad

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



67.3720, -27.7914, 0.5508



63.4610, 27.3807, -55.6553



72.9420, 4.9586, 43.0239

# Complementary

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



67.3720, -27.7914, 0.5508



21.6280, 27.7914, -0.5508

# 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.



75.3120, 17.1012, 21.6514



67.3720, -27.7914, 0.5508



61.3070, 34.3586, -53.7662

# Square

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



67.3720, -27.7914, 0.5508



61.7850, 15.8820, -54.1854



72.1380, 27.5400, -13.2760



71.4190, -8.5876, 47.8675



# Rectangle

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



67.3720, -27.7914, 0.5508



56.5240, -1.7373, -49.5715



72.1380, 27.5400, -13.2760



73.7610, 9.4848, 37.9206

# Sweetspot

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



67.3720, -27.7914, 0.5508



97.7260, -11.2039, 0.2403



36.3160, -12.4808, 36.5569



48.5780, -6.6940, 0.3701



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.



67.3720, -27.7914, 0.5508



85.8870, -42.3423, 0.9761



57.8040, -23.0744, -19.1221



37.5440, -1.7472, 0.3999



193.3150, -95.3043, 1.4777

# Inverse Universe

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



21.6280, 27.7914, -0.5508



16.1130, 42.3423, -0.9761



31.1960, 23.0744, 19.1221



34.7550, 1.5998, 0.2149



36.3860, 95.4517, -2.0925

# Previews

## White Background



This preview shows how the YUV color 67.3720, -27.7914, 0.5508 looks on a white background.

## Color Contrast Check

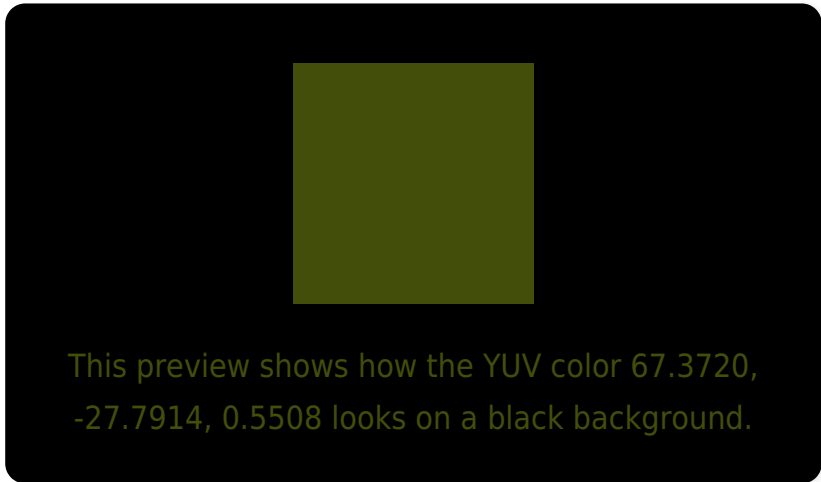
Large Text (above 18pt) WCAG AA ✓ Pass

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

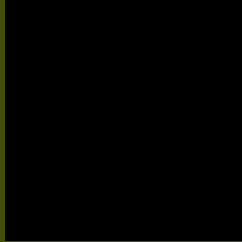
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 67.3720, -27.7914, 0.5508**

## **Background**



This preview shows how black text looks on a background with the YUV color 67.3720, -27.7914, 0.5508.



This preview shows how white text looks on a background with the YUV color 67.3720, -27.7914,



0.5508.

# 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

67.3720, -27.7914, 0.5508

### Protanopia

68.8080, -28.9923, 12.4464

### Deuteranopia

70.5360, -26.3932, 18.8239



## Tritanopia

73.8690, 2.0366, 0.1149

# Trichromacy



## Original Color

67.3720, -27.7914, 0.5508

## Protanomaly

68.4870, -28.8341, 8.3429

## Deuteranomaly

69.3780, -26.8084, 11.9465

## Tritanomaly

71.7090, -8.7305, 0.2552

# Monochromacy



## Original Color

67.3720, -27.7914, 0.5508

## Achromatopsia

67.0000, 0.0000, 0.0000

## Achromatomaly

67.0680, -9.8935, -0.0596

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 67.3720, -27.7914, 0.5508 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(68, 78, 11)` looks like.

```
.text, #text, p{  
    color:rgb(68, 78, 11)  
}
```

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(68, 78, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 78, 11) }
```

## Border

The CSS property to change the border of an element to YUV 67.3720, -27.7914, 0.5508 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(68, 78, 11) }
```

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

```
.border{ border-color:rgb(68, 78, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 78, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 78, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 78, 11);  
box-shadow:4px 4px 4px 4px rgb(68, 78, 11)  
}
```

# Background

The CSS property to change the background color of an element to YUV 67.3720, -27.7914, 0.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 78, 11) }
```

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

```
.background{ background-color: rgb(68, 78,  
11) }
```

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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