

# Converting Colors

YUV(69.2270, 86.1631,  
-56.3271)

Have a look what the booklet for  
YUV(69.2270, 86.1631, -56.3271)  
contains.

<b>YUV(69.2270, 86.1631, -56.3271)</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(69.2270, 86.1631,  
-56.3271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0544F4
RGB	5, 68, 244
RGB Percent	2%, 27%, 96%
CMY	0.9804, 0.7333, 0.0431
CMYK	0.98, 0.72, 0.00, 0.04
HSL	224°, 96%, 49%
HSV	224°, 98%, 96%
XYZ	18.4588, 10.6982, 86.6800
YIQ	69.2270, -94.0440, 41.3800

# Conversions

## Conversions Part 2

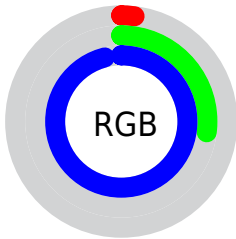
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 55, 244
Decimal	345332
CIE Lab	39.07, 52.19, -90.42
CIE LCh	39, 104.399, 299.995
Yxy	10.6982, 0.1594, 0.0924
Android (android.graphics.Color)	4278535412 (0xFF0544F4)
YUV	69.2270, 86.1631, -56.3271
Hunter-Lab	32.7080, 43.4977, -134.2296

# Details

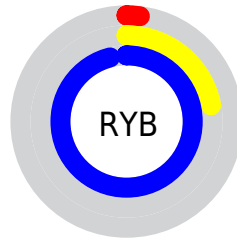
The YUV color **69.2270, 86.1631, -56.3271** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **179.7730, -86.1631, 56.3271**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8350, 60.7203, -15.6413**, and **35.2920, 74.2990, -30.9511** is the 20% darker color. If you saturate the color by 10%, you get **65.3840, 88.0577, -57.3418**, and if you desaturate by 10%, it is **86.9690, 77.4163, -50.8388**.

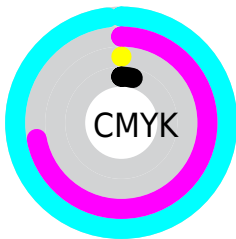
# Distribution



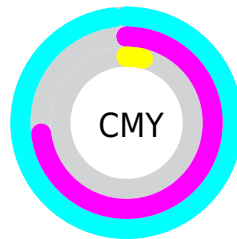
- Red (2%)
- Green (27%)
- Blue (96%)



- Red (2%)
- Yellow (22%)
- Blue (96%)



- Cyan (98%)
- Magenta (72%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (73%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 69.2270, 86.1631, -56.3271 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 69.2270, 86.1631, -56.3271 by changing the saturation by 10% instead.



■ 69.2270, 86.1631,  
-56.3271

■ 69.2270, 86.1631,  
-56.3271

255.0000, 0.0000,  
0.0000

■ 50.9250, 80.8890,  
-44.6612

■ 131.8350, 60.7203,  
-15.6413

■ 35.2920, 74.2990,  
-30.9511

■ 157.5620, 48.0369,  
-7.5089

■ 22.1210, 66.9883,  
-19.4001

■ 182.6910, 35.6483,  
-0.6060

■ 14.9340, 57.2205,  
-13.0971

■ 208.6950, 22.8284,  
4.6525

■ 20.1880, 41.8123,  
-17.7049

■ 234.6990, 10.0084,  
9.9110

■ 14.8760, 31.6131,  
-13.0463

254.4130, 0.2894,

■ 9.3190, 23.0137,

0.5148

-8.1728

■ 4.9360, 13.8356,  
-4.3289

■ 0.6840, 2.6208,  
-0.5999

■ 69.2270, 86.1631,  
-56.3271

■ 69.2270, 86.1631,  
-56.3271

■ 65.3840, 88.0577,  
-57.3418

■ 86.9690, 77.4163,  
-50.8388

■ 105.0100, 68.5221,  
-44.7358

■ 122.7520, 59.7753,  
-39.2475

■ 140.7930, 50.8811,  
-33.1445

■ 158.5350, 42.1342,  
-27.6562

■ 176.2770, 33.3874,  
-22.1679

■ 194.3180, 24.4932,  
-16.0649

■ 212.0600, 15.7464,  
-10.5766

■ 230.1010, 6.8522,  
-4.4736

# Harmonies

## Analogous

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



91.8790, 80.4187, -80.5779



69.2270, 86.1631, -56.3271



75.7210, 50.9165, 95.8377

# Triad

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



69.2270, 86.1631, -56.3271



76.6910, -37.8087, 87.0940



80.7000, 4.5849, -70.7739

# Complementary

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



69.2270, 86.1631, -56.3271



179.7730, -86.1631, 56.3271

# 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.



68.6790, -33.8587, -60.2315



69.2270, 86.1631, -56.3271



86.6170, -42.7022, 23.1379

# Square

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



69.2270, 86.1631, -56.3271



66.7780, -26.0196, 132.6217



63.9830, -31.5436, -56.1131



91.7920, 42.0075, -80.5016



# Rectangle

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



69.2270, 86.1631, -56.3271



79.6170, 21.8808, 122.2389



63.9830, -31.5436, -56.1131



76.5790, -8.6664, -67.1598

# Sweetspot

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



69.2270, 86.1631, -56.3271



201.1760, 26.5352, -17.6944



165.2430, 7.2752, -140.5331



95.1740, 16.1832, -10.6766



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



69.2270, 86.1631, -56.3271



68.3990, 91.9943, -59.9859



48.9900, 96.1399, 10.5328



113.1290, 4.3734, -2.7441



49.9670, 67.0643, -43.8211



15.5310, 21.4302, -13.6207



# Inverse Universe

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



83.6430, -7.7120, 140.6331



83.8830, -8.3233, 150.0696



200.0100, -96.1399, -10.5328



113.9300, -0.4585, 7.0774



61.2000, -6.0146, 109.4496



19.3510, -2.1450, 34.7722



# Previews

## White Background



This preview shows how the YUV color 69.2270, 86.1631, -56.3271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

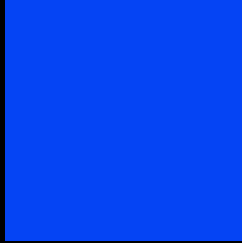
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 69.2270, 86.1631, -56.3271 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

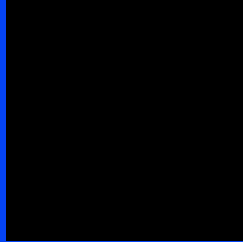
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 69.2270, 86.1631, -56.3271

## Background



This preview shows how black text looks on a background with the YUV color 69.2270, 86.1631, -56.3271.



This preview shows how white text looks on a background with the YUV color 69.2270, 86.1631, -56.3271.



# 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

69.2270, 86.1631, -56.3271

### Protanopia

72.7460, 55.3412, -63.7982

### Deuteranopia

73.1900, 41.8113, -64.1876



## Tritanopia

71.4850, 17.5089, -62.6923

# Trichromacy



## Original Color

69.2270, 86.1631, -56.3271

## Protanomaly

71.6290, 66.2449, -61.0646

## Deuteranomaly

72.0390, 57.6618, -61.4242

## Tritanomaly

70.7390, 42.5267, -60.2841

# Monochromacy



## Original Color

69.2270, 86.1631, -56.3271

## Achromatopsia

69.0000, 0.0000, 0.0000

## Achromatomaly

69.4190, 31.3454, -20.5385

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.2270, 86.1631, -56.3271 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(5, 68, 244)` looks like.

```
.text, #text, p{  
    color:rgb(5, 68, 244)  
}
```

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(5, 68, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 68, 244) }
```

## Border

The CSS property to change the border of an element to YUV 69.2270, 86.1631, -56.3271 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(5, 68, 244) }
```



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

```
.border{ border-color:rgb(5, 68, 244) }
```

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

Here you see how a box with a 4 pixel rgb(5, 68, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 68, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 68, 244);  
box-shadow:4px 4px 4px 4px rgb(5, 68, 244)  
}
```

# Background

The CSS property to change the background color of an element to YUV 69.2270, 86.1631, -56.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 68, 244) }
```

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

```
.background{ background-color: rgb(5, 68,  
244) }
```

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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