

# Converting Colors

YUV(122.0930, 56.1562, 1.6724)

Have a look what the booklet for  
YUV(122.0930, 56.1562, 1.6724)  
contains.

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# Color

**YUV(122.0930, 56.1562,  
1.6724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C63EC
RGB	124, 99, 236
RGB Percent	49%, 39%, 93%
CMY	0.5137, 0.6118, 0.0745
CMYK	0.47, 0.58, 0.00, 0.07
HSL	251°, 78%, 66%
HSV	251°, 58%, 93%
XYZ	27.9143, 19.2649, 81.6041
YIQ	122.0930, -29.0770, 47.9070

# Conversions

## Conversions Part 2

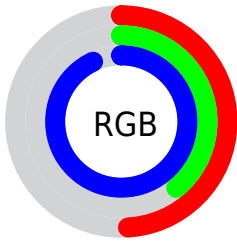
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 99, 236
Decimal	8152044
CIELab	51.00, 43.58, -66.16
CIELCh	51, 79.222, 303.373
Yxy	19.2649, 0.2168, 0.1496
Android (android.graphics.Color)	4286342124 (0xFF7C63EC)
YUV	122.0930, 56.1562, 1.6724
Hunter-Lab	43.8918, 36.7120, -79.5084

# Details

The YUV color  $122.0930, 56.1562, 1.6724$  is a light color, and the websafe version is hex  $6666FF$ . A complement of this color would be  $212.9070, -56.1562, -1.6724$ , and the grayscale version is  $122.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $172.4240, 40.7100, 9.2752$ , and  $68.8810, 54.2887, -6.0346$  is the 20% darker color. If you saturate the color by 10%, you get  $102.3240, 65.9023, 2.3469$ , and if you desaturate by 10%, it is  $141.8620, 46.4100, 0.9980$ .

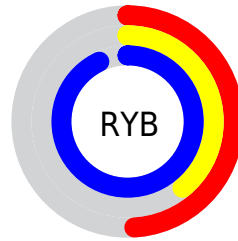
# Distribution



Red (49%)

Green (39%)

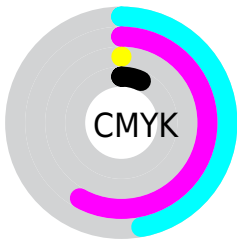
Blue (93%)



Red (49%)

Yellow (39%)

Blue (93%)

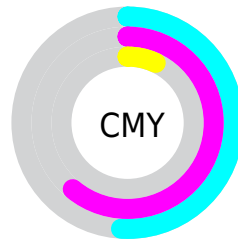


Cyan (47%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (61%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.0930, 56.1562, 1.6724 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 122.0930, 56.1562, 1.6724 by changing the saturation by 10% instead.



■ 122.0930, 56.1562,  
1.6724

■ 122.0930, 56.1562,  
1.6724

255.0000, 0.0000,  
0.0000

■ 95.1420, 55.1460,  
-1.0015

■ 172.4240, 40.7100,  
9.2752

■ 68.8810, 54.2887,  
-6.0346

■ 197.2430, 28.4742,  
13.8189

■ 40.0430, 55.1948,  
-16.7007

■ 222.0620, 16.2384,  
18.3626

■ 17.1850, 53.1528,  
-15.0712

■ 242.6730, 6.0772,  
10.8108

■ 11.2860, 43.2430,  
-9.8978

■ 11.3710, 30.8761,  
-9.9724

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,  
-3.9290

■ 0.0000, 0.0000,  
0.0000

■ 122.0930, 56.1562,  
1.6724

■ 122.0930, 56.1562,  
1.6724

■ 102.3240, 65.9023,  
2.3469

■ 141.8620, 46.4100,  
0.9980

■ 82.8430, 75.5064,  
1.8917

■ 161.3430, 36.8059,  
1.4532

■ 63.0740, 85.2525,  
2.5661

■ 181.1120, 27.0598,  
0.7788

■ 43.8920, 94.7092,  
2.7257

■ 200.2940, 17.6031,  
0.6192

■ 39.7610, 96.7458,  
2.8406

■ 220.0630, 7.8569,  
-0.0553

■ 240.1310, -2.0366,  
-0.1149

■ 252.8340, -8.2992,  
1.8996

# Harmonies

## Analogous

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



104.2060, 74.3414, -91.3887



122.0930, 56.1562, 1.6724



114.7410, 33.6517, 80.0341

# Triad

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



122.0930, 56.1562, 1.6724



112.5970, -55.5103, 71.3904



102.6420, 12.5015, -90.0170

# Complementary

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



122.0930, 56.1562, 1.6724



212.9070, -56.1562, -1.6724

# 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.



91.9720, -18.2272, -80.6594



122.0930, 56.1562, 1.6724



113.1860, -55.8007, 24.3929

# Square

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



122.0930, 56.1562, 1.6724



104.8090, -26.5278, 108.9155



101.6370, -50.1070, -28.6226



110.2800, 41.7670, -96.7156



# Rectangle

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



122.0930, 56.1562, 1.6724



95.8830, 21.7497, 117.6206



101.6370, -50.1070, -28.6226



99.3190, 2.3077, -87.1028

# Sweetspot

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



122.0930, 56.1562, 1.6724



219.2940, 17.6031, 0.6192



181.5360, 26.8508, -72.3841



106.4590, 10.6197, 0.4745



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.



122.0930, 56.1562, 1.6724



106.8600, 73.0330, 1.8768



141.8270, 46.4273, 42.2477



107.8520, 4.5100, 0.1298



30.5010, 74.1960, 2.1916



9.1460, 22.1130, 0.7490



# Inverse Universe

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



152.7310, 28.7266, 73.0269



146.7520, 37.0973, 94.9335



193.1730, -46.4273, -42.2477



110.3150, 2.3097, 5.8627



70.9910, 37.9654, 96.4779



21.1620, 11.2591, 28.7989



# Previews

## White Background



This preview shows how the YUV color 122.0930, 56.1562, 1.6724 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

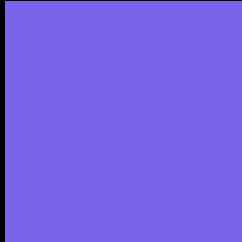
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 122.0930, 56.1562, 1.6724 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

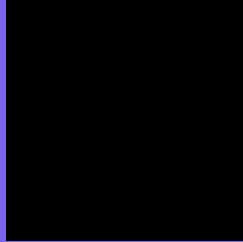
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.0930, 56.1562, 1.6724

## Background



This preview shows how black text looks on a background with the YUV color 122.0930, 56.1562, 1.6724.



This preview shows how white text looks on a background with the YUV color 122.0930, 56.1562, 1.6724.



# 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

122.0930, 56.1562, 1.6724

### Protanopia

96.9510, 74.4672, -85.0260

### Deuteranopia

97.5260, 58.9007, -85.5303



**Tritanopia**

118.1700, 8.7902, -19.4431

# Trichromacy



## Original Color

122.0930, 56.1562, 1.6724



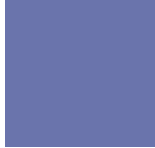
## Protanomaly

105.8410, 68.1124, -53.3576



## Deuteranomaly

106.4960, 57.9295, -53.9320



## Tritanomaly

119.3940, 25.9348, -11.7465

# Monochromacy



## Original Color

122.0930, 56.1562, 1.6724



## Achromatopsia

122.0000, 0.0000, 0.0000



## Achromatomaly

122.2770, 20.0764, 0.6341

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.0930, 56.1562, 1.6724 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(124, 99, 236)` looks like.

```
.text, #text, p{  
    color:rgb(124, 99, 236)  
}
```

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(124, 99, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 99, 236) }
```

## Border

The CSS property to change the border of an element to YUV 122.0930, 56.1562, 1.6724 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(124, 99, 236) }
```



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

```
.border{ border-color:rgb(124, 99, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 99, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 99, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 99, 236);  
box-shadow:4px 4px 4px 4px rgb(124, 99,  
236) }
```

# Background

The CSS property to change the background color of an element to YUV 122.0930, 56.1562, 1.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 99, 236) }
```

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

```
.background{ background-color: rgb(124, 99,  
236) }
```

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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