

# Converting Colors

YUV(56.2430, 59.0402, 56.7919)

Have a look what the booklet for  
YUV(56.2430, 59.0402, 56.7919)  
contains.

<b>YUV(56.2430, 59.0402, 56.7919)</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> .....	30

# Color

**YUV(56.2430, 59.0402,  
56.7919)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7900B0
RGB	121, 0, 176
RGB Percent	47%, 0%, 69%
CMY	0.5255, 1.0000, 0.3098
CMYK	0.31, 1.00, 0.00, 0.31
HSL	281°, 100%, 35%
HSV	281°, 100%, 69%
XYZ	15.7216, 7.1995, 41.6353
YIQ	56.2430, 15.6200, 80.3880

# Conversions

## Conversions Part 2

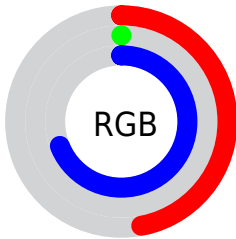
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 0, 176
Decimal	7930032
CIE <sub>Lab</sub>	32.26, 66.46, -61.96
CIE <sub>LCh</sub>	32, 90.867, 317.006
Yxy	7.1995, 0.2435, 0.1115
Android (android.graphics.Color)	4286120112 (0xFF7900B0)
YUV	56.2430, 59.0402, 56.7919
Hunter-Lab	26.8320, 57.6325, -73.2183

# Details

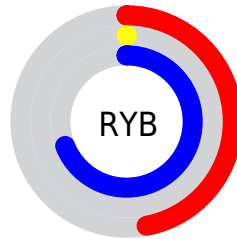
The YUV color **56.2430, 59.0402, 56.7919** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **119.7570, -59.0402, -56.7919**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5210, 53.9731, 48.6551**, and **32.7450, 44.0027, 26.5336** is the 20% darker color. If you saturate the color by 10%, you get **56.2430, 59.0402, 56.7919**, and if you desaturate by 10%, it is **68.6030, 52.9467, 51.2142**.

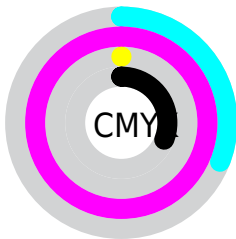
# Distribution



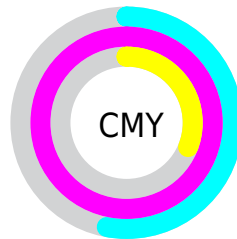
- Red (47%)
- Green (0%)
- Blue (69%)



- Red (47%)
- Yellow (0%)
- Blue (69%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (100%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.2430, 59.0402, 56.7919 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 56.2430, 59.0402, 56.7919 by changing the saturation by 10% instead.



■ 56.2430, 59.0402,  
56.7919

■ 56.2430, 59.0402,  
56.7919

■ 255.0000, 0.0000,  
0.0000

■ 44.4940, 51.5215,  
41.6628

■ 123.5210, 53.9731,  
48.6551

■ 32.7450, 44.0027,  
26.5336

■ 151.1360, 51.2050,  
49.8697

■ 21.1100, 36.9208,  
11.3045

■ 176.5420, 38.6798,  
53.8987

■ 8.2080, 31.4495,  
-7.1984

■ 198.0610, 28.0709,  
49.9355

■ 7.8200, 19.8087,  
-6.8581

■ 215.0840, 19.6786,  
35.0063

■ 3.5510, 11.0674,  
-3.1142

■ 232.1070, 11.2862,

■ 0.0000, 0.0000,

20.0772

0.0000

249.1300, 2.8939,  
5.1480

56.2430, 59.0402,  
56.7919

68.6030, 52.9467,  
51.2142

80.0770, 47.2900,  
45.5365

92.4370, 41.1966,  
39.9588

103.9110, 35.5399,  
34.2811

116.2710, 29.4464,  
28.7033

■ 128.3320, 23.5003,  
22.5108

■ 140.1050, 17.6962,  
17.4479

■ 152.1660, 11.7502,  
11.2554

■ 163.9390, 5.9461,  
6.1925

# Harmonies

## Analogous

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



68.2900, 73.8070, -59.8903



56.2430, 59.0402, 56.7919



66.3600, 21.5145, 99.6623

# Triad

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



56.2430, 59.0402, 56.7919



71.3880, -35.1943, 41.7557



72.6250, 21.8769, -63.6921

# Complementary

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



56.2430, 59.0402, 56.7919



119.7570, -59.0402, -56.7919

# 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.



62.6730, -11.1778, -54.9642



56.2430, 59.0402, 56.7919



66.0410, -32.5582, -10.5600

# Square

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



56.2430, 59.0402, 56.7919



49.3350, -24.3222, 101.4382



55.7650, -27.4921, -48.9059



80.0350, 50.2687, -70.1907



# Rectangle

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



56.2430, 59.0402, 56.7919



64.1060, -0.0523, 110.4090



55.7650, -27.4921, -48.9059



69.1880, 11.2463, -60.6779

# Sweetspot

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



56.2430, 59.0402, 56.7919



182.9190, 23.2109, 21.9960



52.9360, 60.6706, -46.4249



86.4590, 14.0707, 13.6295



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



56.2430, 59.0402, 56.7919



73.4620, 77.1732, 74.1398



69.0400, 36.9553, 93.8039



82.8200, 3.0467, 2.7889



48.8370, 51.3524, 49.2550



8.3460, 8.7034, 8.4666



# Inverse Universe

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



58.8940, -1.9197, 102.7020



76.9780, -2.4542, 134.2003



106.9600, -36.9553, -93.8039



83.0330, -0.0163, 5.2331



51.2190, -1.5870, 89.2619



8.6860, -0.3382, 15.1844



# Previews

## White Background



This preview shows how the YUV color 56.2430, 59.0402, 56.7919 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



This preview shows how the YUV color 56.2430, 59.0402, 56.7919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

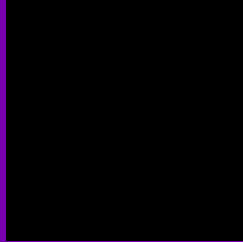
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 56.2430, 59.0402, 56.7919

## Background



This preview shows how black text looks on a background with the YUV color 56.2430, 59.0402, 56.7919.



This preview shows how white text looks on a background with the YUV color 56.2430, 59.0402,



# 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



### Protanopia

62.8520, 47.8940, -55.1212

### Deuteranopia

63.2790, 36.8375, -55.4957

### Tritanopia

79.7360, -2.8278, 20.4025

# Trichromacy



## Protanomaly

60.2560, 52.1318, -14.2565

## Deuteranomaly

61.0080, 44.8591, -14.9160

## Tritanomaly

71.3720, 19.5366, 33.8768

# Monochromacy



## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

56.4520, 21.4692, 20.6516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.2430, 59.0402, 56.7919 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(121, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(121, 0, 176)  
}
```

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(121, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 176) }
```

## Border

The CSS property to change the border of an element to YUV 56.2430, 59.0402, 56.7919 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(121, 0, 176) }
```

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

```
.border{ border-color:rgb(121, 0, 176) }
```

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

Here you see how a box with a 4 pixel rgb(121, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
176) }
```



# Background

The CSS property to change the background color of an element to YUV 56.2430, 59.0402, 56.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 176) }
```

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

```
.background{ background-color: rgb(121, 0,  
176) }
```

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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