

Converting Colors

YUV(55.4750, 90.4778, 6.5994)

Have a look what the booklet for
YUV(55.4750, 90.4778, 6.5994)
contains.

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Color

**YUV(55.4750, 90.4778,
6.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	3F10EF
RGB	63, 16, 239
RGB Percent	25%, 6%, 94%
CMY	0.7529, 0.9373, 0.0627
CMYK	0.74, 0.93, 0.00, 0.06
HSL	253°, 87%, 50%
HSV	253°, 93%, 94%
XYZ	17.8152, 7.6593, 82.2008
YIQ	55.4750, -43.5710, 79.3170

Conversions

Conversions Part 2

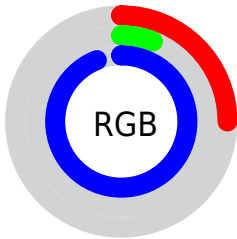
Format	Color
R _Y B	63, 16, 239
Decimal	4133103
CIE Lab	33.26, 73.80, -97.17
CIE LCh	33, 122.024, 307.217
Yxy	7.6593, 0.1655, 0.0711
Android (android.graphics.Color)	4282323183 (0xFF3F10EF)
YUV	55.4750, 90.4778, 6.5994
Hunter-Lab	27.6755, 66.4712, -156.7281

Details

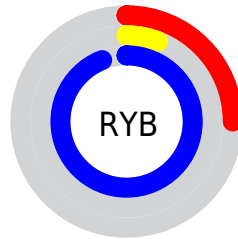
The YUV color **55.4750, 90.4778, 6.5994** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **199.5250, -90.4778, -6.5994**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1180, 68.4688, 19.1905**, and **20.6340, 79.0604, -18.0960** is the 20% darker color. If you saturate the color by 10%, you get **42.1960, 97.0244, 6.8441**, and if you desaturate by 10%, it is **75.2440, 80.7317, 5.9250**.

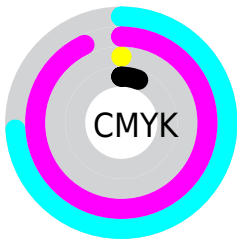
Distribution



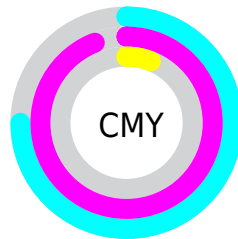
- Red (25%)
- Green (6%)
- Blue (94%)



- Red (25%)
- Yellow (6%)
- Blue (94%)



- Cyan (74%)
- Magenta (93%)
- Yellow (0%)
- Black (6%)



- Cyan (75%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4750, 90.4778, 6.5994 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 55.4750, 90.4778, 6.5994 by changing the saturation by 10% instead.

■ 55.4750, 90.4778,
6.5994

■ 55.4750, 90.4778,
6.5994

■ 255.0000, 0.0000,
0.0000

■ 23.9400, 91.7276,
-20.9954

■ 116.1180, 68.4688,
19.1905

■ 20.6340, 79.0604,
-18.0960

■ 141.8340, 55.7908,
25.5786

■ 17.4420, 66.8301,
-15.2966

■ 168.1370, 42.8235,
31.4519

■ 14.3640, 55.0365,
-12.5972

■ 194.1410, 30.0035,
36.7103

■ 20.2050, 39.3389,
-17.7198

■ 216.2580, 19.0998,
33.9767


■ 13.8330, 30.1553,
-12.1315


■ 233.2810, 10.7075,


■ 8.1620, 21.1191,


19.0476


-7.1581


 250.3040, 2.3151,
4.1184


 4.4800, 12.0884,
-3.9290


 0.0000, 0.0000,
0.0000


 55.4750, 90.4778,
6.5994


 55.4750, 90.4778,
6.5994

 42.1960, 97.0244,
6.8441

 75.2440, 80.7317,
5.9250

 95.0130, 70.9856,
5.2506

 114.7820, 61.2395,
4.5762

 134.2520, 51.6408,
3.2870

■ 153.4340, 42.1840,
3.1274

■ 173.2030, 32.4379,
2.4530

■ 192.9720, 22.6918,
1.7786

■ 212.7410, 12.9457,
1.1041

■ 232.5100, 3.1996,
0.4297

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



55.4750, 90.4778, 6.5994



77.2850, 38.8065, 106.7441

Triad

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



55.4750, 90.4778, 6.5994



64.2320, -31.6664, 76.9725



73.7360, 13.4412, -64.6665

Complementary

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



55.4750, 90.4778, 6.5994



199.5250, -90.4778, -6.5994

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.



60.4610, -29.8073, -53.0243



55.4750, 90.4778, 6.5994



71.1460, -35.0750, 3.3800

Square

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



55.4750, 90.4778, 6.5994



61.2950, -30.2184, 126.0293



58.1130, -28.6497, -50.9651



87.0280, 54.2162, -76.3236

Rectangle

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



55.4750, 90.4778, 6.5994



77.7630, 7.0188, 129.1268



58.1130, -28.6497, -50.9651



69.2730, -1.1206, -60.7524

Sweetspot

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



55.4750, 90.4778, 6.5994



196.5790, 28.8016, 2.1232



145.9080, 45.8944, -113.9293



91.7070, 17.8924, 1.1340



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.



55.4750, 90.4778, 6.5994



45.2160, 103.4235, 7.7036



88.0660, 74.4105, 73.6101



109.9660, 4.9468, 0.0298



32.6370, 74.6220, 5.5804



9.9720, 22.6918, 1.7786

Inverse Universe

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



102.7410, 44.0047, 119.4991



99.1590, 50.2076, 136.6726



166.9340, -74.4105, -73.6101



112.6140, 2.1623, 6.4775



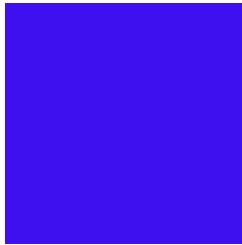
71.5460, 36.2128, 98.6222



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 55.4750, 90.4778, 6.5994 looks on a white background.

Color Contrast Check

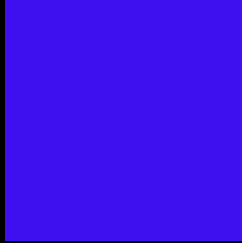
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.4750, 90.4778, 6.5994 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 55.4750, 90.4778, 6.5994

Background



This preview shows how black text looks on a background with the YUV color 55.4750, 90.4778, 6.5994.



This preview shows how white text looks on a background with the YUV color 55.4750, 90.4778,

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

55.4750, 90.4778, 6.5994

Protanopia

62.6240, 47.0204, -54.9212

Deuteranopia

62.9370, 35.5271, -55.1957



Tritanopia

61.5570, 15.0084, -53.9855

Trichromacy



Original Color

55.4750, 90.4778, 6.5994

Protanomaly

59.8930, 62.6638, -32.3552

Deuteranomaly

60.0580, 55.6804, -32.4999

Tritanomaly

59.2140, 42.2925, -31.7597

Monochromacy



Original Color

55.4750, 90.4778, 6.5994

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3170, 32.8747, 2.3530

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4750, 90.4778, 6.5994 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(63, 16, 239)` looks like.

```
.text, #text, p{  
    color:rgb(63, 16, 239)  
}
```

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(63, 16, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 16, 239) }
```

Border

The CSS property to change the border of an element to YUV 55.4750, 90.4778, 6.5994 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(63, 16, 239) }
```


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

```
.border{ border-color:rgb(63, 16, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 16, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 16, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 16, 239);  
box-shadow:4px 4px 4px 4px rgb(63, 16,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 55.4750, 90.4778, 6.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 16, 239) }
```

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

```
.background{ background-color: rgb(63, 16,  
239) }
```

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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