

# Converting Colors

YUV(94.6270, 59.3439,  
-40.8919)

Have a look what the booklet for  
YUV(94.6270, 59.3439, -40.8919)  
contains.

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# Color

**YUV(94.6270, 59.3439,  
-40.8919)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	305FD7
RGB	48, 95, 215
RGB Percent	19%, 37%, 84%
CMY	0.8118, 0.6275, 0.1569
CMYK	0.78, 0.56, 0.00, 0.16
HSL	223°, 68%, 52%
HSV	223°, 78%, 84%
XYZ	17.5769, 13.7191, 66.0116
YIQ	94.6270, -66.5320, 27.3560

# Conversions

## Conversions Part 2

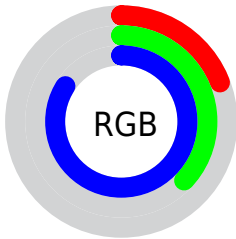
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	48, 85, 215
Decimal	3170263
CIE Lab	43.83, 26.99, -66.12
CIE LCh	44, 71.416, 292.203
Yxy	13.7191, 0.1806, 0.1410
Android (android.graphics.Color)	4281360343 (0xFF305FD7)
YUV	94.6270, 59.3439, -40.8919
Hunter-Lab	37.0393, 19.8878, -79.7394

# Details

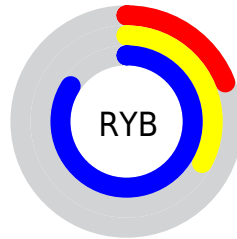
The YUV color **94.6270, 59.3439, -40.8919** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **168.3730, -59.3439, 40.8919**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7660, 51.8804, -26.9818**, and **47.4760, 54.9813, -41.6365** is the 20% darker color. If you saturate the color by 10%, you get **79.5430, 66.7803, -46.0802**, and if you desaturate by 10%, it is **110.0100, 51.7601, -35.0888**.

# Distribution



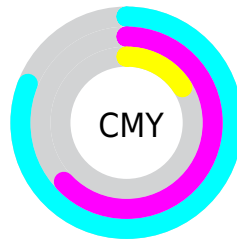
- Red (19%)
- Green (37%)
- Blue (84%)



- Red (19%)
- Yellow (33%)
- Blue (84%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (63%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.6270, 59.3439, -40.8919 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 94.6270, 59.3439, -40.8919 by changing the saturation by 10% instead.



■ 94.6270, 59.3439,  
-40.8919

■ 94.6270, 59.3439,  
-40.8919

255.0000, 0.0000,  
0.0000

■ 63.5820, 60.8451,  
-55.7614

■ 149.7660, 51.8804,  
-26.9818

■ 47.4760, 54.9813,  
-41.6365

■ 174.2970, 39.7866,  
-21.3085

■ 32.6580, 48.9756,  
-28.6411

■ 199.1160, 27.5508,  
-16.7647

■ 17.9540, 43.4067,  
-15.7457

■ 224.8210, 14.8782,  
-12.1210

■ 15.1040, 32.4867,  
-13.2462

■ 251.1130, 1.9163,  
-7.9921

■ 9.4330, 23.4505,  
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,  
-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 94.6270, 59.3439,  
-40.8919

■ 94.6270, 59.3439,  
-40.8919

■ 79.5430, 66.7803,  
-46.0802

■ 110.0100, 51.7601,  
-35.0888

■ 63.5730, 74.6535,  
-51.3685

■ 125.6810, 44.0343,  
-30.4152

■ 60.3170, 76.2587,  
-52.8980

■ 141.0640, 36.4504,  
-24.6121

■ 156.7350, 28.7246,  
-19.9386

■ 172.1180, 21.1408,  
-14.1355

■ 187.7890, 13.4150,  
-9.4620

■ 203.1720, 5.8312,  
-3.6588

■ 218.8430, -1.8946,  
1.0147

■ 234.2260, -9.4784,  
6.8178

# Harmonies

## Analogous

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



93.5140, 63.8366, -82.0118



94.6270, 59.3439, -40.8919



102.9280, 36.5175, 47.4211

# Triad

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



94.6270, 59.3439, -40.8919



93.1490, -45.9225, 76.1683



84.3530, 0.8120, -73.9776

# Complementary

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



94.6270, 59.3439, -40.8919



168.3730, -59.3439, 40.8919

# 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.



74.1390, -28.1695, -65.0199



94.6270, 59.3439, -40.8919



97.9130, -48.2711, 36.0333

# Square

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



94.6270, 59.3439, -40.8919



81.9670, -9.3507, 106.1459



92.0340, -45.3728, -7.0458



92.4810, 26.8779, -81.1058



# Rectangle

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



94.6270, 59.3439, -40.8919



90.7820, 24.7575, 86.1372



92.0340, -45.3728, -7.0458



81.3720, -8.0714, -71.3632

# Sweetspot

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



94.6270, 59.3439, -40.8919



212.7050, 20.8514, -14.6503



159.7090, 4.0875, -97.9688



101.9740, 12.8308, -8.7472



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.



94.6270, 59.3439, -40.8919



84.3470, 84.1319, -58.1863



77.8020, 67.6386, 5.4356



99.0150, 3.9366, -2.6442



47.6700, 60.8017, -41.8066



11.9460, 15.3096, -10.4766



# Inverse Universe

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



103.2910, -4.0875, 97.9688



96.5010, -5.6700, 139.0036



185.1980, -67.6386, -5.4356



99.6310, -0.3111, 6.4626



56.6010, -4.2403, 100.3279



14.2250, -1.0969, 25.2357



# Previews

## White Background



This preview shows how the YUV color 94.6270, 59.3439, -40.8919 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

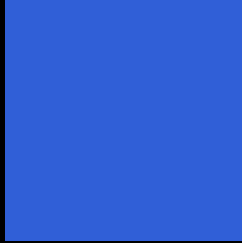
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 94.6270, 59.3439, -40.8919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

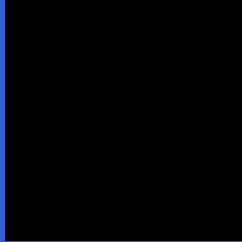
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.6270, 59.3439, -40.8919

## Background



This preview shows how black text looks on a background with the YUV color 94.6270, 59.3439, -40.8919.



This preview shows how white text looks on a background with the YUV color 94.6270, 59.3439,



# 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

94.6270, 59.3439, -40.8919

### Protanopia

82.1670, 63.5147, -72.0605

### Deuteranopia

82.3830, 49.1112, -72.2499



## Tritanopia

80.8260, 20.2988, -70.8844

# Trichromacy



## Original Color

94.6270, 59.3439, -40.8919

## Protanomaly

86.7770, 61.7349, -61.1944

## Deuteranomaly

86.4860, 53.0044, -60.9392

## Tritanomaly

85.6760, 34.6697, -60.2289

# Monochromacy



## Original Color

94.6270, 59.3439, -40.8919

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.9330, 21.7250, -14.8502

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.6270, 59.3439, -40.8919 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(48, 95, 215)` looks like.

```
.text, #text, p{  
    color:rgb(48, 95, 215)  
}
```

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(48, 95, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 95, 215) }
```

## Border

The CSS property to change the border of an element to YUV 94.6270, 59.3439, -40.8919 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(48, 95, 215) }
```



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

```
.border{ border-color:rgb(48, 95, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 95, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 95, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 95, 215);  
box-shadow:4px 4px 4px 4px rgb(48, 95,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 94.6270, 59.3439, -40.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 95, 215) }
```

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

```
.background{ background-color: rgb(48, 95,  
215) }
```

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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