

# Converting Colors

YUV(106.5960, 73.1632,  
-39.9877)

Have a look what the booklet for  
YUV(106.5960, 73.1632, -39.9877)  
contains.

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# Color

**YUV(106.5960, 73.1632,  
-39.9877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D65FF
RGB	61, 101, 255
RGB Percent	24%, 40%, 100%
CMY	0.7608, 0.6039, 0.0000
CMYK	0.76, 0.60, 0.00, 0.00
HSL	228°, 100%, 62%
HSV	228°, 76%, 100%
XYZ	24.6281, 17.5195, 96.6913
YIQ	106.5960, -73.2740, 39.4140

# Conversions

## Conversions Part 2

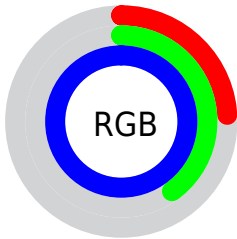
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 94, 255
Decimal	4023807
CIE Lab	48.91, 38.99, -80.33
CIE LCh	49, 89.289, 295.890
Yxy	17.5195, 0.1774, 0.1262
Android (android.graphics.Color)	4282213887 (0xFF3D65FF)
YUV	106.5960, 73.1632, -39.9877
Hunter-Lab	41.8563, 31.7806, -107.6653

# Details

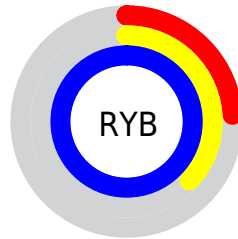
The YUV color **106.5960, 73.1632, -39.9877** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **209.4040, -73.1632, 39.9877**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6590, 47.4961, -20.7489**, and **54.7430, 70.1327, -48.0096** is the 20% darker color. If you saturate the color by 10%, you get **87.0820, 82.7836, -45.6759**, and if you desaturate by 10%, it is **126.1100, 63.5428, -34.2995**.

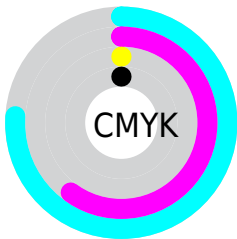
# Distribution



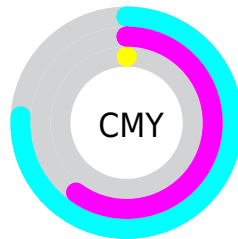
- Red (24%)
- Green (40%)
- Blue (100%)



- Red (24%)
- Yellow (37%)
- Blue (100%)



- Cyan (76%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (60%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.5960, 73.1632, -39.9877 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 106.5960, 73.1632, -39.9877 by changing the saturation by 10% instead.



■ 106.5960, 73.1632,  
-39.9877

■ 106.5960, 73.1632,  
-39.9877

255.0000, 0.0000,  
0.0000

■ 70.9630, 76.4332,  
-62.2346

■ 158.6590, 47.4961,  
-20.7489

■ 54.7430, 70.1327,  
-48.0096

■ 183.7880, 35.1075,  
-13.8461

■ 39.8110, 63.6902,  
-34.9142

■ 209.4930, 22.4350,  
-9.2024

■ 26.7540, 56.8163,  
-23.4633

■ 235.4970, 9.6150,  
-3.9439

■ 13.1100, 50.2318,  
-11.4975

■ 17.7770, 35.1129,  
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 106.5960, 73.1632,  
-39.9877

■ 106.5960, 73.1632,  
-39.9877

■ 87.0820, 82.7836,  
-45.6759

■ 126.1100, 63.5428,  
-34.2995

■ 67.8670, 92.2566,  
-50.7494

■ 145.3250, 54.0698,  
-29.2260

■ 60.1810, 96.0458,  
-52.7787

■ 165.4260, 44.1600,  
-24.0526

■ 184.6410, 34.6870,  
-18.9792

■ 204.1550, 25.0666,  
-13.2909

■ 223.3700, 15.5936,  
-8.2175

■ 243.4710, 5.6838,  
-3.0441

■ 255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



105.3800, 73.7627, -92.4183



106.5960, 73.1632, -39.9877



107.2640, 47.1978, 75.1905

# Triad

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



106.5960, 73.1632, -39.9877



103.5590, -51.0546, 88.9638



96.8570, 3.0285, -84.9436

# Complementary

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



106.5960, 73.1632, -39.9877



209.4040, -73.1632, 39.9877

# 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.



83.5650, -37.7465, -73.2865



106.5960, 73.1632, -39.9877



109.7190, -54.0915, 36.2034

# Square

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



106.5960, 73.1632, -39.9877



77.5460, -10.6222, 140.7182



99.9200, -49.2606, -20.1008



106.3360, 36.8094, -93.2567



# Rectangle

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



106.5960, 73.1632, -39.9877



86.1410, 33.9475, 125.2873



99.9200, -49.2606, -20.1008



93.1920, -8.4757, -81.7294

# Sweetspot

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



106.5960, 73.1632, -39.9877



209.7700, 22.2984, -12.0763



192.2060, 10.2514, -115.0677



100.2130, 13.6990, -7.2028



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.



106.5960, 73.1632, -39.9877



77.6240, 87.4464, -47.9052



99.5610, 76.6314, 14.4170



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910



# Inverse Universe

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



123.5660, -11.1250, 115.2676



97.8400, -13.2321, 137.8293



216.4390, -76.6314, -14.4170



119.1150, -1.0427, 7.7921



61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 106.5960, 73.1632, -39.9877 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

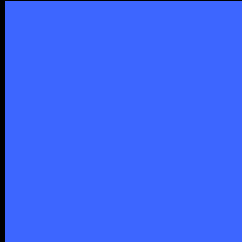
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.5960, 73.1632, -39.9877 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 106.5960, 73.1632, -39.9877

## Background



This preview shows how black text looks on a background with the YUV color 106.5960, 73.1632, -39.9877.



This preview shows how white text looks on a background with the YUV color 106.5960, 73.1632, -39.9877.



# 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

106.5960, 73.1632, -39.9877

### Protanopia

91.9470, 70.5251, -80.6375

### Deuteranopia

92.2940, 54.0851, -80.9418

# Trichromacy



## Original Color

106.5960, 73.1632, -39.9877

## Protanomaly

96.9750, 71.4973, -65.7531

## Deuteranomaly

97.5160, 60.8776, -66.2275

# Monochromacy



## Original Color

106.5960, 73.1632, -39.9877

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.8990, 26.6718, -14.8204

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.5960, 73.1632, -39.9877 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(61, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 101, 255)  
}
```

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(61, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 101, 255) }
```

## Border

The CSS property to change the border of an element to YUV 106.5960, 73.1632, -39.9877 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(61, 101, 255) }
```

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

```
.border{ border-color:rgb(61, 101, 255) }
```

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

Here you see how a box with a 4 pixel rgb(61, 101, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 101,  
255) }
```



# Background

The CSS property to change the background color of an element to YUV 106.5960, 73.1632, -39.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 101, 255) }
```

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

```
.background{ background-color: rgb(61, 101,  
255) }
```

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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