

# Converting Colors

YUV(87.3650, 73.2771,  
-76.6191)

Have a look what the booklet for  
YUV(87.3650, 73.2771, -76.6191)  
contains.

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# Color

**YUV(87.3650, 73.2771,  
-76.6191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0067EC
RGB	0, 103, 236
RGB Percent	0%, 40%, 93%
CMY	1.0000, 0.5961, 0.0745
CMYK	1.00, 0.56, 0.00, 0.07
HSL	214°, 100%, 46%
HSV	214°, 100%, 93%
XYZ	19.9906, 15.7566, 81.3446
YIQ	87.3650, -104.0810, 19.5270

# Conversions

## Conversions Part 2

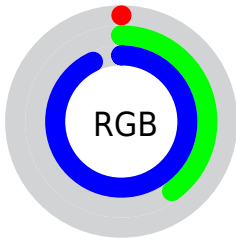
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 236
Decimal	26604
CIELab	46.65, 27.29, -73.45
CIELCh	47, 78.358, 290.382
Yxy	15.7566, 0.1707, 0.1346
Android (android.graphics.Color)	4278216684 (0xFF0067EC)
YUV	87.3650, 73.2771, -76.6191
Hunter-Lab	39.6946, 20.4287, -93.7144

# Details

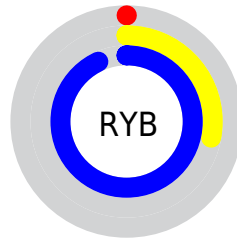
The YUV color **87.3650, 73.2771, -76.6191** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **148.6350, -73.2771, 76.6191**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1730, 51.1867, -37.8627**, and **54.4520, 61.4022, -47.7544** is the 20% darker color. If you saturate the color by 10%, you get **87.3650, 73.2771, -76.6191**, and if you desaturate by 10%, it is **102.1720, 65.9772, -68.5568**.

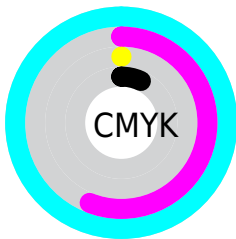
# Distribution



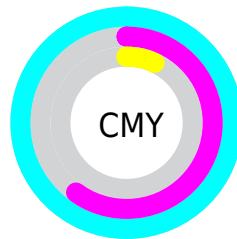
- Red (0%)
- Green (40%)
- Blue (93%)



- Red (0%)
- Yellow (28%)
- Blue (93%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (60%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 87.3650, 73.2771, -76.6191 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 87.3650, 73.2771, -76.6191 by changing the saturation by 10% instead.



■ 87.3650, 73.2771,  
-76.6191

■ 87.3650, 73.2771,  
-76.6191

■ 255.0000, 0.0000,  
0.0000

■ 70.5580, 67.2659,  
-61.8794

■ 151.1730, 51.1867,  
-37.8627

■ 54.4520, 61.4022,  
-47.7544

■ 177.1880, 38.3613,  
-30.8599

■ 39.5200, 54.9596,  
-34.6590

■ 202.6050, 25.8307,  
-25.0866

■ 26.5770, 48.5225,  
-23.3080

■ 228.6090, 13.0108,  
-19.8281

■ 14.8080, 41.5067,  
-12.9866

■ 249.6180, 2.6533,  
-11.0660

■ 13.7190, 29.7185,  
-12.0316

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,  
-3.8290

■ 0.0000, 0.0000,  
0.0000

■ 87.3650, 73.2771,  
-76.6191

■ 102.1720, 65.9772,  
-68.5568

■ 117.2670, 58.5354,  
-61.6242

■ 132.0740, 51.2355,  
-53.5619

■ 146.5820, 44.0831,  
-46.1144

■ 161.9760, 36.4938,  
-38.5670

■ 176.7830, 29.1940,  
-30.5047

■ 191.2910, 22.0415,  
-23.0572

■ 206.0980, 14.7417,  
-14.9949

■ 221.1930, 7.2999,  
-8.0623

# Harmonies

## Analogous

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



100.9630, 69.5312, -88.5446



87.3650, 73.2771, -76.6191



110.1330, 42.3324, 48.9954

# Triad

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



87.3650, 73.2771, -76.6191



97.6450, -48.1390, 87.1343



89.6360, -1.7925, -78.6108

# Complementary

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



87.3650, 73.2771, -76.6191



148.6350, -73.2771, 76.6191

# 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.



76.8970, -37.9102, -67.4387



87.3650, 73.2771, -76.6191



104.1480, -51.3450, 41.9662

# Square

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



87.3650, 73.2771, -76.6191



74.0590, -2.0011, 128.8673



98.5350, -48.5778, -5.7312



98.6760, 27.7677, -86.5389



# Rectangle

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



87.3650, 73.2771, -76.6191



93.1560, 30.9821, 96.3332



98.5350, -48.5778, -5.7312



86.4270, -11.5495, -75.7965

# Sweetspot

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



87.3650, 73.2771, -76.6191



207.0350, 23.6467, -24.5867



153.3520, -11.5125, -134.4897



98.9840, 14.3049, -14.8950



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.



87.3650, 73.2771, -76.6191



94.2270, 79.2611, -82.6371



30.4920, 101.3154, -16.2175



110.1890, 3.3578, -3.6738



67.0070, 56.1985, -58.7651



19.6570, 16.9311, -17.2392



# Inverse Universe

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



82.3060, 10.2021, 134.7896



88.8990, 10.8958, 145.6706



205.5080, -101.3154, 16.2175



109.8590, 0.5625, 6.2627



63.1250, 7.8264, 103.3764



18.7680, 2.0864, 30.8985



# Previews

## White Background



This preview shows how the YUV color 87.3650, 73.2771, -76.6191 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 87.3650, 73.2771, -76.6191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

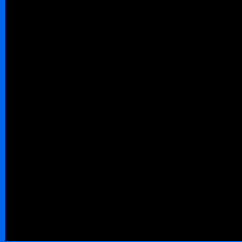
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

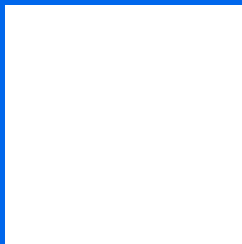
Any Text WCAG AAA × Fail

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

# YUV 87.3650, 73.2771, -76.6191 Background



This preview shows how black text looks on a background with the YUV color 87.3650, 73.2771, -76.6191.



This preview shows how white text looks on a background with the YUV color 87.3650, 73.2771, -76.6191.



# 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

87.3650, 73.2771, -76.6191

### Deuteranopia

88.3330, 51.6008, -77.4680

### Tritanopia

86.4340, 21.4780, -75.8026

# Trichromacy



## Original Color

87.3650, 73.2771, -76.6191

## Deuteranomaly

87.8090, 59.7472, -77.0085

## Tritanomaly

86.7710, 40.5389, -76.0982

# Monochromacy



## Original Color

87.3650, 73.2771, -76.6191

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

87.1100, 26.5678, -28.1605

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.3650, 73.2771, -76.6191 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(0, 103, 236)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 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(0, 103, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 236) }
```

## Border

The CSS property to change the border of an element to YUV 87.3650, 73.2771, -76.6191 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(0, 103, 236) }
```

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

```
.border{ border-color:rgb(0, 103, 236) }
```

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

Here you see how a box with a 4 pixel rgb(0, 103, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 236);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
236) }
```



# Background

The CSS property to change the background color of an element to YUV 87.3650, 73.2771, -76.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 236) }
```

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

```
.background{ background-color: rgb(0, 103,  
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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