

# Converting Colors

YUV(93.3970, 57.9783,  
-69.6312)

Have a look what the booklet for  
YUV(93.3970, 57.9783, -69.6312)  
contains.

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# Color

**YUV(93.3970, 57.9783,  
-69.6312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E6FD3
RGB	14, 111, 211
RGB Percent	5%, 44%, 83%
CMY	0.9451, 0.5647, 0.1725
CMYK	0.93, 0.47, 0.00, 0.17
HSL	210°, 88%, 44%
HSV	210°, 93%, 83%
XYZ	17.6234, 16.1654, 63.8194
YIQ	93.3970, -89.9120, 10.5360

# Conversions

## Conversions Part 2

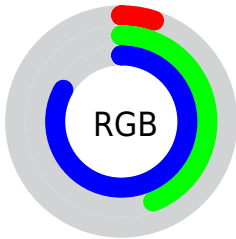
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 79, 211
Decimal	946131
CIE <sub>Lab</sub>	47.19, 12.74, -58.43
CIE <sub>LCh</sub>	47, 59.800, 282.302
Yxy	16.1654, 0.1806, 0.1656
Android (android.graphics.Color)	4279136211 (0xFF0E6FD3)
<b>YUV</b>	93.3970, 57.9783, -69.6312
Hunter-Lab	40.2062, 7.8803, -65.9668

# Details

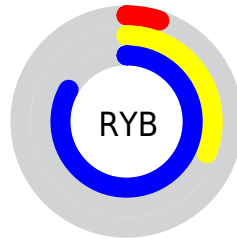
The YUV color **93.3970, 57.9783, -69.6312** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **131.6030, -57.9783, 69.6312**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9610, 49.3192, -45.5698**, and **55.9390, 49.3301, -49.0585** is the 20% darker color. If you saturate the color by 10%, you get **85.1020, 62.0677, -74.6345**, and if you desaturate by 10%, it is **106.1330, 51.6994, -62.3836**.

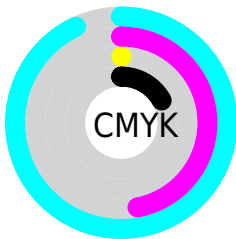
# Distribution



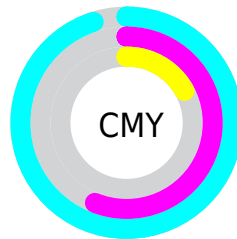
- Red (5%)
- Green (44%)
- Blue (83%)



- Red (5%)
- Yellow (31%)
- Blue (83%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)



- Cyan (95%)
- Magenta (56%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.3970, 57.9783, -69.6312 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 93.3970, 57.9783, -69.6312 by changing the saturation by 10% instead.



■ 93.3970, 57.9783,  
-69.6312

■ 93.3970, 57.9783,  
-69.6312

■ 255.0000, 0.0000,  
0.0000

■ 71.9310, 54.7570,  
-63.0835

■ 154.9610, 49.3192,  
-45.5698

■ 55.9390, 49.3301,  
-49.0585

■ 180.3780, 36.7886,  
-39.7965

■ 40.5340, 43.6137,  
-35.5483

■ 205.4960, 24.4055,  
-34.6380

■ 26.4170, 37.7554,  
-23.1677

■ 231.7880, 11.4435,  
-30.5091

■ 14.1750, 31.4657,  
-12.4315

■ 246.6280, 4.1274,  
-17.2138

■ 9.2050, 22.5769,  
-8.0728

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,  
-0.4999

■ 0.0000, 0.0000,  
0.0000

■ 93.3970, 57.9783,  
-69.6312

■ 93.3970, 57.9783,  
-69.6312

■ 85.1020, 62.0677,  
-74.6345

■ 106.1330, 51.6994,  
-62.3836

■ 118.2820, 45.7100,  
-54.6213

■ 131.0180, 39.4311,  
-47.3738

■ 143.7540, 33.1523,  
-40.1263

■ 156.7890, 26.7260,  
-32.2640

■ 168.9380, 20.7366,  
-24.5016

■ 181.6740, 14.4577,  
-17.2541

■ 194.4100, 8.1789,  
-10.0066

■ 206.5590, 2.1894,  
-2.2442

# Harmonies

## Analogous

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



97.6740, 54.3907, -85.6601



93.3970, 57.9783, -69.6312



114.8340, 35.5778, 22.0706

# Triad

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



93.3970, 57.9783, -69.6312



105.7800, -29.4715, 72.9839



87.0770, -3.9820, -76.3665

# Complementary

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



93.3970, 57.9783, -69.6312



131.6030, -57.9783, 69.6312

# 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.



94.7840, -32.9245, -33.1366



93.3970, 57.9783, -69.6312



105.0670, -51.7980, 47.2992

# Square

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



93.3970, 57.9783, -69.6312



104.1600, -5.5019, 84.9287



102.7760, -50.6686, 11.5974



94.2930, 18.5896, -82.6950



# Rectangle

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



93.3970, 57.9783, -69.6312



112.8290, 23.2553, 54.5240



102.7760, -50.6686, 11.5974



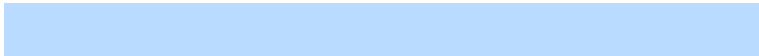
83.9650, -10.8287, -73.6373

# Sweetspot

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



93.3970, 57.9783, -69.6312



212.6390, 20.8840, -25.1164



140.9250, -13.7670, -111.3132



101.3430, 13.1419, -15.2098



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.



93.3970, 57.9783, -69.6312



103.0320, 74.9202, -90.3591



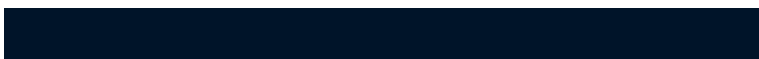
36.4580, 86.0492, -19.6957



98.1890, 3.3578, -3.6738



67.8730, 49.3626, -59.5246



16.4140, 12.1209, -14.3951



# Inverse Universe

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



83.9610, 13.3302, 111.4132



90.6090, 17.4478, 144.1709



188.5420, -86.0492, 19.6957



97.8590, 0.5625, 6.2627



59.6940, 11.4899, 94.9844



14.5390, 2.6923, 23.2063



# Previews

## White Background



This preview shows how the YUV color 93.3970, 57.9783, -69.6312 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

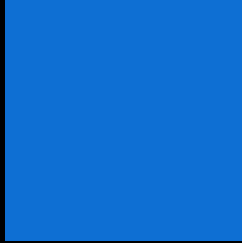
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 93.3970, 57.9783, -69.6312 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

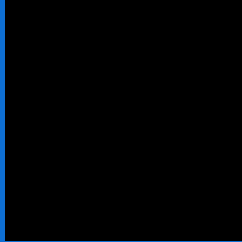
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.3970, 57.9783, -69.6312

## Background



This preview shows how black text looks on a background with the YUV color 93.3970, 57.9783, -69.6312.



This preview shows how white text looks on a background with the YUV color 93.3970, 57.9783, -69.6312.



# 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

93.3970, 57.9783, -69.6312

### Protanopia

104.4500, 51.0501, -40.7367

### Deuteranopia

89.6040, 53.9322, -78.5827

# Trichromacy



## Original Color

93.3970, 57.9783, -69.6312

## Protanomaly

100.3670, 53.5561, -51.1879

## Deuteranomaly

90.9680, 55.2318, -75.3939

# Monochromacy



## Original Color

93.3970, 57.9783, -69.6312

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

93.3400, 21.0314, -25.7312

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.3970, 57.9783, -69.6312 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(14, 111, 211)` looks like.

```
.text, #text, p{  
    color:rgb(14, 111, 211)  
}
```

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(14, 111, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 111, 211) }
```

## Border

The CSS property to change the border of an element to YUV 93.3970, 57.9783, -69.6312 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(14, 111, 211) }
```

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

```
.border{ border-color:rgb(14, 111, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 111, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 111, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 111, 211);  
box-shadow:4px 4px 4px 4px rgb(14, 111,  
211) }
```



# Background

The CSS property to change the background color of an element to YUV 93.3970, 57.9783, -69.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 111, 211) }
```

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

```
.background{ background-color: rgb(14, 111,  
211) }
```

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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