

# Converting Colors

YUV(111.4040, 70.7928,  
-73.1453)

Have a look what the booklet for  
YUV(111.4040, 70.7928, -73.1453)  
contains.

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# Color

**YUV(111.4040, 70.7928,  
-73.1453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C7EFF
RGB	28, 126, 255
RGB Percent	11%, 49%, 100%
CMY	0.8902, 0.5059, 0.0000
CMYK	0.89, 0.51, 0.00, 0.00
HSL	214°, 100%, 55%
HSV	214°, 89%, 100%
XYZ	25.9897, 22.3886, 97.5594
YIQ	111.4040, -99.8170, 19.3430

# Conversions

## Conversions Part 2

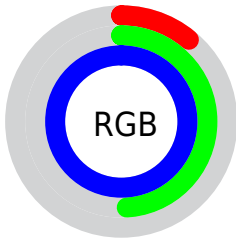
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 96, 255
Decimal	1867519
CIE Lab	54.44, 20.92, -71.37
CIE LCh	54, 74.373, 286.341
Yxy	22.3886, 0.1781, 0.1534
Android (android.graphics.Color)	4280057599 (0xFF1C7EFF)
YUV	111.4040, 70.7928, -73.1453
Hunter-Lab	47.3166, 15.2413, -89.1251

# Details

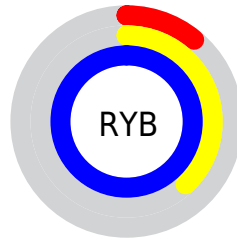
The YUV color **111.4040, 70.7928, -73.1453** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **171.5960, -70.7928, 73.1453**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8380, 42.4779, -44.5849**, and **68.2440, 63.4767, -59.8500** is the 20% darker color. If you saturate the color by 10%, you get **95.7110, 78.5295, -81.3075**, and if you desaturate by 10%, it is **127.3960, 62.9088, -64.3683**.

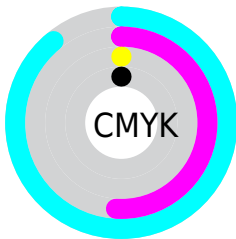
# Distribution



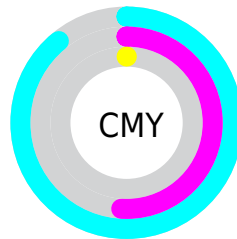
- Red (11%)
- Green (49%)
- Blue (100%)



- Red (11%)
- Yellow (38%)
- Blue (100%)



- Cyan (89%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.4040, 70.7928, -73.1453 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 111.4040, 70.7928, -73.1453 by changing the saturation by 10% instead.



■ 111.4040, 70.7928,  
-73.1453

■ 111.4040, 70.7928,  
-73.1453

255.0000, 0.0000,  
0.0000

■ 85.6380, 69.1985,  
-75.1045

■ 168.8380, 42.4779,  
-44.5849

■ 68.2440, 63.4767,  
-59.8500

■ 194.8530, 29.6525,  
-37.5821

■ 52.7250, 57.3236,  
-46.2398

■ 220.8570, 16.8325,  
-32.3236

■ 37.9070, 51.3178,  
-33.2444

■ 243.3390, 5.7489,  
-23.9763

■ 24.3770, 45.1701,  
-21.3786

■ 252.9070, 1.0318,  
-4.3034

■ 17.8910, 35.5497,  
-15.6904

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,  
-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 111.4040, 70.7928,  
-73.1453

■ 111.4040, 70.7928,  
-73.1453

■ 95.7110, 78.5295,  
-81.3075

■ 127.3960, 62.9088,  
-64.3683

■ 93.6400, 79.5505,  
-82.1223

■ 143.6760, 54.8827,  
-56.7209

■ 159.6680, 46.9987,  
-47.9438

■ 175.9480, 38.9726,  
-40.2964

■ 191.9400, 31.0886,  
-31.5194

■ 208.2200, 23.0625,  
-23.8719

■ 224.2120, 15.1785,  
-15.0949

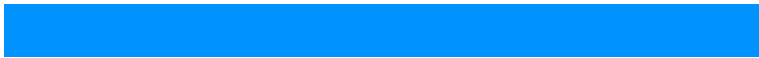
■ 240.4920, 7.1524,  
-7.4475

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.



114.7720, 69.1324, -100.6550



111.4040, 70.7928, -73.1453



132.5830, 43.0966, 37.1997

# Triad

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



111.4040, 70.7928, -73.1453



121.2630, -42.0347, 89.2233



103.3310, -2.6282, -90.6213

# Complementary

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



111.4040, 70.7928, -73.1453



171.5960, -70.7928, 73.1453

# 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.



101.4790, -37.2111, -58.3021



111.4040, 70.7928, -73.1453



122.7980, -60.5394, 51.0432

# Square

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



111.4040, 70.7928, -73.1453



115.2280, -8.4934, 111.1790



118.3810, -58.3618, 5.8049



111.5560, 26.3479, -97.8346



# Rectangle

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



111.4040, 70.7928, -73.1453



126.5360, 27.8368, 78.4599



118.3810, -58.3618, 5.8049



99.5350, -12.0958, -87.2922

# Sweetspot

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



111.4040, 70.7928, -73.1453



211.4760, 21.4573, -22.3425



175.9550, -9.3448, -129.7565



101.6530, 12.9891, -12.8507



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.



111.4040, 70.7928, -73.1453



93.6400, 79.5505, -82.1223



58.3630, 96.9420, -13.4734



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130



# Inverse Universe

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



107.0450, 9.3448, 129.7565



88.7850, 10.4590, 145.7706



224.6370, -96.9420, 13.4734



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463



# Previews

## White Background



This preview shows how the YUV color 111.4040, 70.7928, -73.1453 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

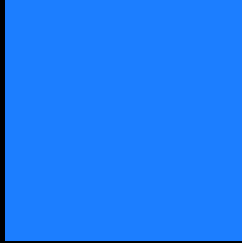
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.4040, 70.7928, -73.1453 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

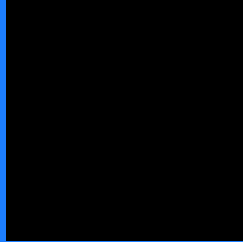
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

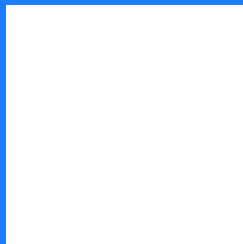
Any Text WCAG AAA × Fail

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

# YUV 111.4040, 70.7928, -73.1453 Background



This preview shows how black text looks on a background with the YUV color 111.4040, 70.7928, -73.1453.



This preview shows how white text looks on a background with the YUV color 111.4040, 70.7928, -73.1453.

-73.1453.

# 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

111.4040, 70.7928, -73.1453

### Protanopia

116.9820, 67.5499, -59.6202

### Deuteranopia

103.7040, 62.2639, -90.9484



## Tritanopia

101.9700, 25.1578, -89.4277

# Trichromacy



## Original Color

111.4040, 70.7928, -73.1453

## Protanomaly

114.5900, 68.7291, -64.5384

## Deuteranomaly

106.5460, 65.2998, -84.6708

## Tritanomaly

105.0690, 41.8710, -83.3755

# Monochromacy



## Original Color

111.4040, 70.7928, -73.1453

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

110.8930, 25.6888, -26.2162

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.4040, 70.7928, -73.1453 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(28, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 126, 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(28, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 126, 255) }
```

## Border

The CSS property to change the border of an element to YUV 111.4040, 70.7928, -73.1453 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(28, 126, 255) }
```



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

```
.border{ border-color:rgb(28, 126, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 126,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 111.4040, 70.7928, -73.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 126, 255) }
```

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

```
.background{ background-color: rgb(28, 126,  
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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