

# Converting Colors

YUV(79.1970, 85.1919,  
-24.7288)

Have a look what the booklet for  
YUV(79.1970, 85.1919, -24.7288)  
contains.

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# Color

**YUV(79.1970, 85.1919,  
-24.7288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	333CFC
RGB	51, 60, 252
RGB Percent	20%, 24%, 99%
CMY	0.8000, 0.7647, 0.0118
CMYK	0.80, 0.76, 0.00, 0.01
HSL	237°, 97%, 59%
HSV	237°, 80%, 99%
XYZ	20.5518, 10.9638, 93.1285
YIQ	79.1970, -66.9960, 57.8040

# Conversions

## Conversions Part 2

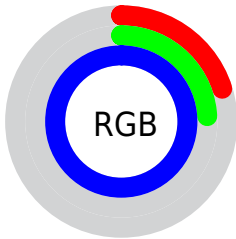
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 60, 252
Decimal	3357948
CIE Lab	39.52, 60.80, -94.12
CIE LCh	40, 112.052, 302.860
Yxy	10.9638, 0.1649, 0.0880
Android (android.graphics.Color)	4281548028 (0xFF333CFC)
YUV	79.1970, 85.1919, -24.7288
Hunter-Lab	33.1116, 52.8464, -143.5786

# Details

The YUV color **79.1970, 85.1919, -24.7288** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **223.8030, -85.1919, 24.7288**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1080, 60.0928, -0.9717**, and **27.9860, 81.8449, -24.5437** is the 20% darker color. If you saturate the color by 10%, you get **57.6340, 95.8224, -27.7430**, and if you desaturate by 10%, it is **100.7600, 74.5613, -21.7145**.

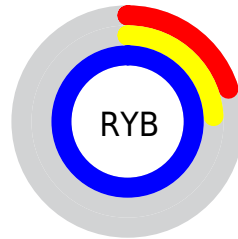
# Distribution



Red (20%)

Green (24%)

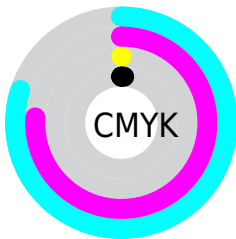
Blue (99%)



Red (20%)

Yellow (24%)

Blue (99%)

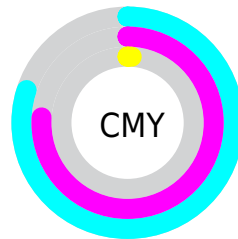


Cyan (80%)

Magenta (76%)

Yellow (0%)

Black (1%)



Cyan (80%)

Magenta (76%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.1970, 85.1919, -24.7288 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 79.1970, 85.1919, -24.7288 by changing the saturation by 10% instead.



■ 79.1970, 85.1919,  
-24.7288

■ 79.1970, 85.1919,  
-24.7288

■ 255.0000, 0.0000,  
0.0000

■ 46.5540, 86.9879,  
-40.8279

■ 133.1080, 60.0928,  
-0.9717

■ 27.9860, 81.8449,  
-24.5437

■ 158.2370, 47.7042,  
5.9312

■ 18.9240, 72.5085,  
-16.5963

■ 183.9530, 35.0262,  
12.3192

■ 15.7320, 60.2781,  
-13.7970

■ 209.9570, 22.2062,  
17.5777

■ 17.9370, 45.8801,  
-15.7307

■ 233.8680, 10.4181,  
18.5328

■ 16.8480, 34.0919,  
-14.7757

■ 250.8910, 2.0257,

■ 10.5900, 25.3451,

3.6036

-9.2874

■ 6.2070, 16.1669,  
-5.4435

■ 2.4110, 6.6994,  
-2.1144

■ 79.1970, 85.1919,  
-24.7288

■ 79.1970, 85.1919,  
-24.7288

■ 57.6340, 95.8224,  
-27.7430

■ 100.7600, 74.5613,  
-21.7145

■ 36.0710, 106.4530,  
-30.7573

■ 122.3230, 63.9308,  
-18.7003

■ 35.1850, 106.8898,  
-30.8572

■ 144.1850, 53.1528,  
-15.0712

■ 165.7480, 42.5222,  
-12.0570

■ 187.3110, 31.8917,  
-9.0427

■ 208.8740, 21.2611,  
-6.0285

■ 231.0240, 10.3412,  
-3.5290

■ 252.8860, -0.4368,  
0.1000

■ 254.6580, -1.3104,  
0.2999

# Harmonies

## Analogous

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



91.8790, 80.4187, -80.5779



79.1970, 85.1919, -24.7288



80.2060, 48.7054, 105.0593

# Triad

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



79.1970, 85.1919, -24.7288



78.4520, -38.6768, 85.5496



83.0140, 8.3741, -72.8033

# Complementary

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



79.1970, 85.1919, -24.7288



223.8030, -85.1919, 24.7288

# 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.



69.8530, -34.4375, -61.2611



79.1970, 85.1919, -24.7288



87.1710, -42.9753, 17.3900

# Square

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



79.1970, 85.1919, -24.7288



66.9760, -33.0192, 137.7100



66.3310, -32.7012, -58.1723



95.3770, 48.1281, -83.6456



# Rectangle

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



79.1970, 85.1919, -24.7288



82.6350, 17.9279, 130.1161



66.3310, -32.7012, -58.1723



79.3660, -5.6034, -69.6040

# Sweetspot

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



79.1970, 85.1919, -24.7288



202.7150, 25.7765, -7.6431



190.7610, 25.2608, -122.5704



95.8050, 15.8721, -4.2140



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.



79.1970, 85.1919, -24.7288



44.3870, 103.8322, -30.1574



100.8240, 74.5298, 35.2344



114.0690, 5.3890, -1.8145



26.2420, 80.2397, -23.0142



8.7150, 25.7765, -7.6431



# Inverse Universe

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



112.1250, -25.6976, 122.6704



84.5090, -31.3099, 149.5206



202.1760, -74.5298, -35.2344



116.0010, -1.4795, 7.8921



57.4230, -24.3655, 115.3930

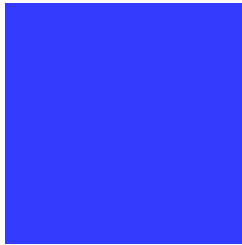


18.5810, -7.6814, 37.2015



# Previews

## White Background



This preview shows how the YUV color 79.1970, 85.1919, -24.7288 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

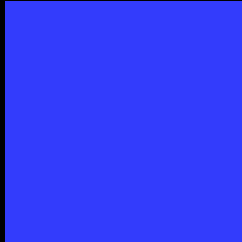
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 79.1970, 85.1919, -24.7288 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 79.1970, 85.1919, -24.7288

## Background



This preview shows how black text looks on a background with the YUV color 79.1970, 85.1919, -24.7288.



This preview shows how white text looks on a background with the YUV color 79.1970, 85.1919, -24.7288.

-24.7288.

# 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

79.1970, 85.1919, -24.7288

### Protanopia

73.5610, 55.9254, -64.5130

### Deuteranopia

73.8910, 41.9587, -64.8024



**Tritanopia**

72.1860, 17.6563, -63.3071

# Trichromacy



## Original Color

79.1970, 85.1919, -24.7288

## Protanomaly

75.5210, 66.7911, -49.5689

## Deuteranomaly

75.8170, 57.7712, -49.8285

## Tritanomaly

74.9900, 41.9099, -49.1032

# Monochromacy



## Original Color

79.1970, 85.1919, -24.7288

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.0830, 31.0181, -8.8428

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.1970, 85.1919, -24.7288 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(51, 60, 252)` looks like.

```
.text, #text, p{  
    color:rgb(51, 60, 252)  
}
```

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(51, 60, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 60, 252) }
```

## Border

The CSS property to change the border of an element to YUV 79.1970, 85.1919, -24.7288 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(51, 60, 252) }
```



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

```
.border{ border-color:rgb(51, 60, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 60, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 60, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 60, 252);  
box-shadow:4px 4px 4px 4px rgb(51, 60,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 79.1970, 85.1919, -24.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 60, 252) }
```

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

```
.background{ background-color: rgb(51, 60,  
252) }
```

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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