

# Converting Colors

YUV(173.4320, 38.2410,  
-38.9669)

Have a look what the booklet for  
YUV(173.4320, 38.2410, -38.9669)  
contains.

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# Color

**YUV(173.4320, 38.2410,  
-38.9669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81B5FB
RGB	129, 181, 251
RGB Percent	51%, 71%, 98%
CMY	0.4941, 0.2902, 0.0157
CMYK	0.49, 0.28, 0.00, 0.02
HSL	214°, 94%, 75%
HSV	214°, 49%, 98%
XYZ	42.9897, 44.6799, 97.6251
YIQ	173.4320, -53.4620, 10.7460

# Conversions

## Conversions Part 2

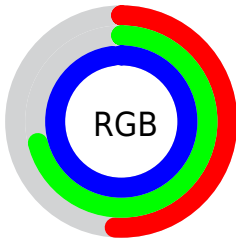
Format	Color
R <sub>Y</sub> B	129, 165, 251
Decimal	8500731
CIE Lab	72.68, 1.56, -39.96
CIE LCh	73, 39.988, 272.239
Yxy	44.6799, 0.2320, 0.2411
Android (android.graphics.Color)	4286690811 (0xFF81B5FB)
YUV	173.4320, 38.2410, -38.9669
Hunter-Lab	66.8430, -2.1740, -39.8037

# Details

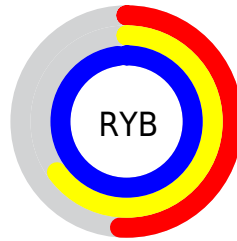
The YUV color **173.4320, 38.2410, -38.9669** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **206.5680, -38.2410, 38.9669**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1020, 15.2327, -32.5385**, and **118.1820, 37.3783, -42.2556** is the 20% darker color. If you saturate the color by 10%, you get **157.7390, 45.9777, -47.1291**, and if you desaturate by 10%, it is **189.1250, 30.5044, -30.8046**.

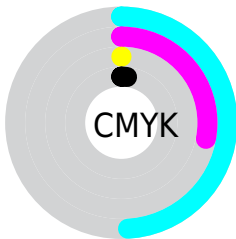
# Distribution



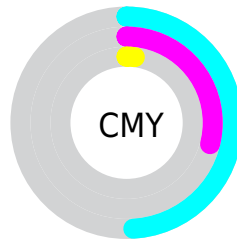
- Red (51%)
- Green (71%)
- Blue (98%)



- Red (51%)
- Yellow (65%)
- Blue (98%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (29%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.4320, 38.2410, -38.9669 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 173.4320, 38.2410, -38.9669 by changing the saturation by 10% instead.



■ 173.4320, 38.2410,  
-38.9669

■ 173.4320, 38.2410,  
-38.9669

255.0000, 0.0000,  
0.0000

■ 145.6060, 37.6622,  
-39.9965

■ 224.1020, 15.2327,  
-32.5385

■ 118.1820, 37.3783,  
-42.2556

■ 243.3390, 5.7489,  
-23.9763

■ 90.5510, 37.6894,  
-48.7182

■ 252.3090, 1.3267,  
-5.5330

■ 62.9200, 38.0004,  
-55.1808

■ 46.4550, 33.2997,  
-40.7410

■ 31.2780, 28.4569,  
-27.4308

■ 16.2150, 24.0510,

-14.2206

■ 6.6630, 17.9141,  
-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 173.4320, 38.2410,  
-38.9669

■ 173.4320, 38.2410,  
-38.9669

■ 157.7390, 45.9777,  
-47.1291

■ 189.1250, 30.5044,  
-30.8046

■ 141.4590, 54.0037,  
-54.7765

■ 205.4050, 22.4783,  
-23.1572

■ 125.7660, 61.7404,  
-62.9388

■ 221.0980, 14.7417,  
-14.9949

■ 109.4860, 69.7664,  
-70.5862

■ 237.3780, 6.7156,  
-7.3475

■ 93.4940, 77.6505,  
-79.3632

■ 253.0710, -1.0210,  
0.8147

■ 91.4230, 78.6715,  
-80.1780

■ 254.5440, -1.7472,  
0.3999

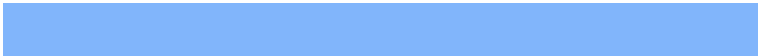
# Harmonies

## Analogous

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



157.6450, 41.5870, -85.6347



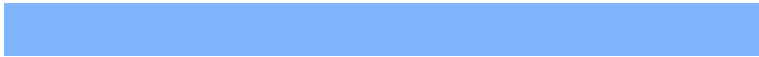
173.4320, 38.2410, -38.9669



181.5900, 28.7961, 3.8676

# Triad

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



173.4320, 38.2410, -38.9669



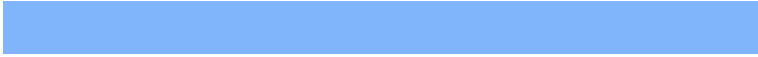
179.7380, -19.0978, 58.9888



165.7500, -11.2157, -42.7537

# Complementary

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



173.4320, 38.2410, -38.9669



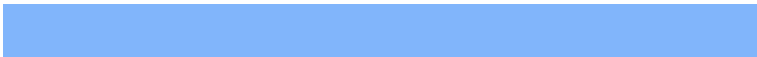
206.5680, -38.2410, 38.9669

# 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.



171.6050, -27.9063, -9.3006



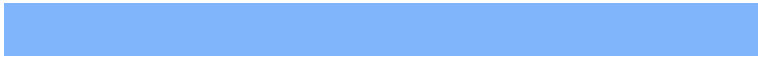
173.4320, 38.2410, -38.9669



178.0340, -31.5688, 45.5742

# Square

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



173.4320, 38.2410, -38.9669



182.0810, -2.5049, 56.9340



175.5550, -35.2766, 21.4383



155.8820, 11.8902, -80.5805



# Rectangle

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



173.4320, 38.2410, -38.9669



183.1540, 20.1371, 27.9289



175.5550, -35.2766, 21.4383



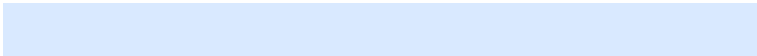
167.8070, -17.6529, -31.4027

# Sweetspot

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



173.4320, 38.2410, -38.9669



230.7240, 11.9681, -12.0359



208.4800, -5.1666, -69.7040



112.9050, 7.4418, -6.9327



0.0000, 0.0000, 0.0000

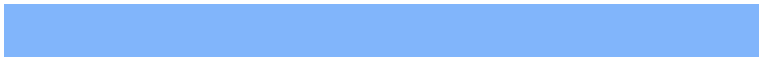


128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.4320, 38.2410, -38.9669



160.8530, 46.4145, -47.2291



145.3000, 52.1101, -7.2791



117.0040, 3.9420, -4.3885



68.5060, 59.4035, -60.0798



22.2160, 19.1205, -19.4834



# Inverse Universe

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



171.4060, 4.7298, 69.8039



158.4340, 5.7020, 84.6884



234.7000, -52.1101, 7.2791



116.5710, 0.7045, 7.3922



65.6310, 7.0839, 108.1946



21.2030, 2.3649, 34.9020



# Previews

## White Background



This preview shows how the YUV color 173.4320, 38.2410, -38.9669 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

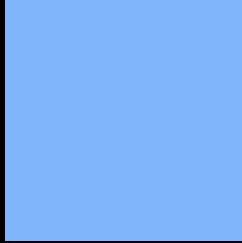
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.4320, 38.2410, -38.9669 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 ✓ Pass

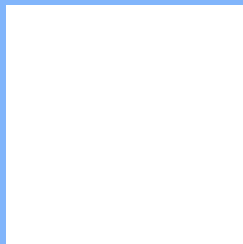
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 173.4320, 38.2410, -38.9669

## Background



This preview shows how black text looks on a background with the YUV color 173.4320, 38.2410, -38.9669.



This preview shows how white text looks on a background with the YUV color 173.4320, 38.2410, -38.9669.

-38.9669.

# 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

173.4320, 38.2410, -38.9669

### Protanopia

177.4130, 33.8134, -18.7792

### Deuteranopia

176.8900, 37.0292, -23.5825



## Tritanopia

169.2850, 17.6075, -47.6079

# Trichromacy



## Original Color

173.4320, 38.2410, -38.9669

## Protanomaly

175.8250, 35.5823, -26.1565

## Deuteranomaly

175.6720, 37.6297, -29.5303

## Tritanomaly

170.9570, 25.1642, -44.6893

# Monochromacy



## Original Color

173.4320, 38.2410, -38.9669

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

173.1690, 13.7207, -14.1802

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.4320, 38.2410, -38.9669 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(129, 181, 251)` looks like.

```
.text, #text, p{  
    color:rgb(129, 181, 251)  
}
```

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(129, 181, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 181, 251) }
```

## Border

The CSS property to change the border of an element to YUV 173.4320, 38.2410, -38.9669 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(129, 181, 251) }
```



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

```
.border{ border-color:rgb(129, 181, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 181, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 181, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 181, 251);  
box-shadow:4px 4px 4px 4px rgb(129, 181,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 173.4320, 38.2410, -38.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 181, 251) }
```

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

```
.background{ background-color: rgb(129,  
181, 251) }
```

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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