

# Converting Colors

YUV(127.7470, 53.8617,  
-55.9061)

Have a look what the booklet for  
YUV(127.7470, 53.8617, -55.9061)  
contains.

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# Color

**YUV(127.7470, 53.8617,  
-55.9061)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	408BED
RGB	64, 139, 237
RGB Percent	25%, 55%, 93%
CMY	0.7490, 0.4549, 0.0706
CMYK	0.73, 0.41, 0.00, 0.07
HSL	214°, 83%, 59%
HSV	214°, 73%, 93%
XYZ	26.6330, 25.6697, 83.6718
YIQ	127.7470, -76.1580, 14.5780

# Conversions

## Conversions Part 2

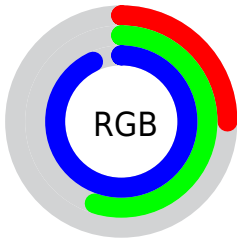
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 116, 237
Decimal	4230125
CIE <sub>Lab</sub>	57.72, 9.42, -56.08
CIE <sub>LCh</sub>	58, 56.869, 279.535
Y <sub>xy</sub>	25.6697, 0.1959, 0.1888
Android (android.graphics.Color)	4282420205 (0xFF408BED)
Y <sub>UV</sub>	127.7470, 53.8617, -55.9061
Hunter-Lab	50.6652, 5.1674, -62.4496

# Details

The YUV color **127.7470, 53.8617, -55.9061** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **173.2530, -53.8617, 55.9061**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2420, 36.3627, -43.1852**, and **73.3500, 52.5785, -64.3280** is the 20% darker color. If you saturate the color by 10%, you get **112.9400, 61.1616, -63.9684**, and if you desaturate by 10%, it is **142.5540, 46.5619, -47.8439**.

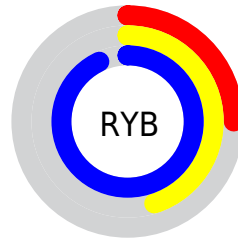
# Distribution



Red (25%)

Green (55%)

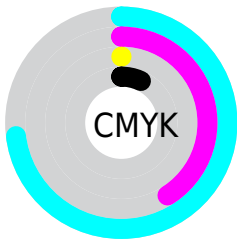
Blue (93%)



Red (25%)

Yellow (45%)

Blue (93%)

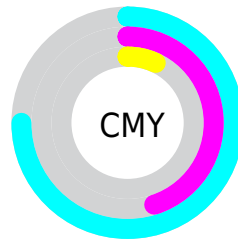


Cyan (73%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (75%)

Magenta (45%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.7470, 53.8617, -55.9061 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 127.7470, 53.8617, -55.9061 by changing the saturation by 10% instead.



■ 127.7470, 53.8617,  
-55.9061

■ 127.7470, 53.8617,  
-55.9061

255.0000, 0.0000,  
0.0000

■ 90.6300, 57.8634,  
-79.4825

■ 181.2420, 36.3627,  
-43.1852

■ 73.3500, 52.5785,  
-64.3280

■ 206.9470, 23.6901,  
-38.5415

■ 56.7710, 47.4409,  
-49.7882

■ 232.3530, 11.1650,  
-34.5126

■ 41.4800, 42.1614,  
-36.3780

■ 245.7310, 4.5696,  
-19.0581

■ 27.3630, 36.3030,  
-23.9974

■ 13.9470, 30.5921,  
-12.2315

■ 8.9770, 21.7033,

-7.8728

■ 4.5940, 12.5252,  
-4.0289

■ 0.1140, 0.4368,  
-0.1000

■ 127.7470, 53.8617,  
-55.9061

■ 127.7470, 53.8617,  
-55.9061

■ 112.9400, 61.1616,  
-63.9684

■ 142.5540, 46.5619,  
-47.8439

■ 97.8450, 68.6034,  
-70.9011

■ 157.6490, 39.1200,  
-40.9112

■ 87.4790, 73.7139,  
-76.7191

■ 172.4560, 31.8202,  
-32.8489

■ 187.8500, 24.2310,  
-25.3014

■ 202.6570, 16.9311,  
-17.2392

■ 217.7520, 9.4893,  
-10.3065

■ 232.5590, 2.1894,  
-2.2442

■ 247.3660, -5.1104,  
5.8180

■ 252.9480, -7.8624,  
1.7996

# Harmonies

## Analogous

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



116.2590, 57.0603, -101.9591



127.7470, 53.8617, -55.9061



142.9150, 36.0309, 16.7375

# Triad

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



127.7470, 53.8617, -55.9061



136.0190, -28.6034, 74.5283



105.5480, -1.7492, -92.5656

# Complementary

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



127.7470, 53.8617, -55.9061



173.2530, -53.8617, 55.9061

# 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.



124.8990, -33.9672, -25.3444



127.7470, 53.8617, -55.9061



134.8700, -46.2779, 50.1030

# Square

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



127.7470, 53.8617, -55.9061



136.1380, -5.4910, 81.4400



130.8090, -50.6848, 16.8305



113.2370, 20.0962, -99.3088



# Rectangle

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



127.7470, 53.8617, -55.9061



141.9100, 23.7084, 49.1909



130.8090, -50.6848, 16.8305



113.9120, -13.7606, -66.5748

# Sweetspot

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



127.7470, 53.8617, -55.9061



219.4720, 17.5153, -17.9539



176.3810, -8.5688, -98.5581



106.6810, 10.5103, -11.1212



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.



127.7470, 53.8617, -55.9061



113.4750, 69.7718, -72.3306



86.4130, 74.2394, -11.7632



110.1890, 3.3578, -3.6738



66.4200, 56.4879, -58.2503



19.6570, 16.9311, -17.2392



# Inverse Universe

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



124.2770, 7.2584, 98.8581



109.0340, 9.3502, 128.0122



214.5870, -74.2394, 11.7632



109.8590, 0.5625, 6.2627



63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985



# Previews

## White Background



This preview shows how the YUV color 127.7470, 53.8617, -55.9061 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 127.7470, 53.8617, -55.9061 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

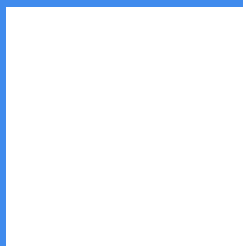
Any Text WCAG AAA × Fail

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

# YUV 127.7470, 53.8617, -55.9061 Background



This preview shows how black text looks on a background with the YUV color 127.7470, 53.8617, -55.9061.



This preview shows how white text looks on a background with the YUV color 127.7470, 53.8617, -55.9061.



# 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

127.7470, 53.8617, -55.9061

### Protanopia

134.5110, 48.5551, -33.7741

### Deuteranopia

127.1490, 54.1565, -57.1357



## Tritanopia

108.6210, 27.7948, -95.2606

# Trichromacy



## Original Color

127.7470, 53.8617, -55.9061

## Protanomaly

131.6240, 50.4714, -41.7662

## Deuteranomaly

127.4480, 54.0091, -56.5209

## Tritanomaly

115.5270, 37.2082, -81.1462

# Monochromacy



## Original Color

127.7470, 53.8617, -55.9061

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.0310, 19.7047, -20.1982

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.7470, 53.8617, -55.9061 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(64, 139, 237)` looks like.

```
.text, #text, p{  
    color:rgb(64, 139, 237)  
}
```

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(64, 139, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 139, 237) }
```

## Border

The CSS property to change the border of an element to YUV 127.7470, 53.8617, -55.9061 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(64, 139, 237) }
```



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

```
.border{ border-color:rgb(64, 139, 237) }
```

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

Here you see how a box with a 4 pixel rgb(64, 139, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 139, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 139, 237);  
box-shadow:4px 4px 4px 4px rgb(64, 139,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 127.7470, 53.8617, -55.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 139, 237) }
```

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

```
.background{ background-color: rgb(64, 139,  
237) }
```

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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