

Converting Colors

YUV(127.7060, 49.4449,
-39.2072)

Have a look what the booklet for
YUV(127.7060, 49.4449, -39.2072)
contains.

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Color

**YUV(127.7060, 49.4449,
-39.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	5383E4
RGB	83, 131, 228
RGB Percent	33%, 51%, 89%
CMY	0.6745, 0.4863, 0.1059
CMYK	0.64, 0.43, 0.00, 0.11
HSL	220°, 73%, 61%
HSV	220°, 64%, 89%
XYZ	25.6872, 23.6730, 76.6143
YIQ	127.7060, -59.7450, 19.9910

Conversions

Conversions Part 2

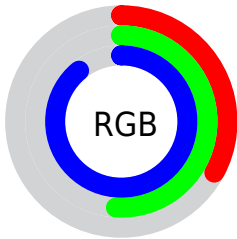
Format	Color
R _Y B	83, 119, 228
Decimal	5473252
CIE Lab	55.76, 13.96, -54.17
CIE LCh	56, 55.936, 284.454
Yxy	23.6730, 0.2039, 0.1879
Android (android.graphics.Color)	4283663332 (0xFF5383E4)
YUV	127.7060, 49.4449, -39.2072
Hunter-Lab	48.6549, 9.0922, -59.3023

Details

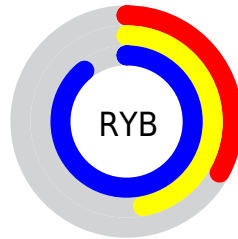
The YUV color **127.7060, 49.4449, -39.2072** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **183.2940, -49.4449, 39.2072**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1340, 36.9089, -31.6895**, and **67.7420, 51.3992, -59.4097** is the 20% darker color. If you saturate the color by 10%, you get **112.0240, 57.1762, -45.6250**, and if you desaturate by 10%, it is **143.3880, 41.7137, -32.7893**.

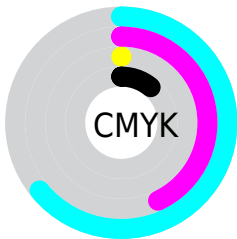
Distribution



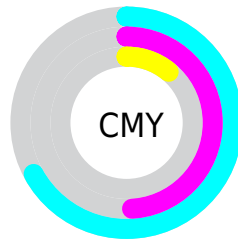
- Red (33%)
- Green (51%)
- Blue (89%)



- Red (33%)
- Yellow (47%)
- Blue (89%)



- Cyan (64%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (67%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7060, 49.4449, -39.2072 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 127.7060, 49.4449, -39.2072 by changing the saturation by 10% instead.

■ 127.7060, 49.4449,
-39.2072

■ 127.7060, 49.4449,
-39.2072

255.0000, 0.0000,
0.0000

■ 99.0750, 49.7560,
-45.6698

■ 180.1340, 36.9089,
-31.6895

■ 67.7420, 51.3992,
-59.4097

■ 204.9530, 24.6732,
-27.1458

■ 51.7500, 45.9723,
-45.3847

■ 230.3590, 12.1480,
-23.1168

■ 36.4590, 40.6927,
-31.9745

■ 248.7210, 3.0955,
-12.9103

■ 22.3420, 34.8344,
-19.5939

■ 12.5620, 27.8239,
-11.0169

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 127.7060, 49.4449,
-39.2072

■ 127.7060, 49.4449,
-39.2072

■ 112.0240, 57.1762,
-45.6250

■ 143.3880, 41.7137,
-32.7893

■ 95.7550, 65.1968,
-51.5281

■ 159.6570, 33.6931,
-26.8862

■ 80.3720, 72.7806,
-57.3312

■ 175.0400, 26.1093,
-21.0831

■ 70.0170, 77.8856,
-61.4049

■ 190.7220, 18.3781,
-14.6652

■ 206.4040, 10.6468,
-8.2473

■ 222.6730, 2.6262,
-2.3442

■ 238.3550, -5.1050,
4.0737

■ 250.7480,
-11.2148, 3.7290

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



111.5800, 56.9021, -97.8557



127.7060, 49.4449, -39.2072



137.3460, 32.3674, 25.1296

Triad

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



127.7060, 49.4449, -39.2072



130.3020, -31.2079, 69.8951



103.0690, 1.4450, -90.3915

Complementary

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



127.7060, 49.4449, -39.2072



183.2940, -49.4449, 39.2072

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.



118.5220, -28.8513, -32.9068



127.7060, 49.4449, -39.2072



128.8970, -47.2772, 43.9403

Square

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



127.7060, 49.4449, -39.2072



130.8020, -9.2694, 79.9806



124.7480, -48.1898, 9.8680



109.9430, 22.7061, -96.4200

Rectangle

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



127.7060, 49.4449, -39.2072



136.2050, 19.6189, 54.1942



124.7480, -48.1898, 9.8680



100.6580, -5.2544, -88.2771

Sweetspot

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



127.7060, 49.4449, -39.2072



221.8640, 16.3360, -13.0357



179.1730, 0.4077, -84.3437



107.2900, 10.2100, -8.1473



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.



127.7060, 49.4449, -39.2072



120.6840, 66.2178, -52.3429



106.7060, 59.7979, 0.2578



106.7160, 4.0840, -3.2589



55.0390, 61.1128, -48.2692



15.7930, 17.3571, -13.8505

Inverse Universe

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



131.8270, -0.4077, 84.3437



126.3020, -0.6419, 112.8681



204.2940, -59.7979, -0.2578



107.0440, -0.0217, 6.9774



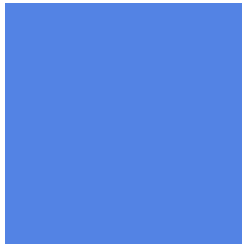
60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 127.7060, 49.4449, -39.2072 looks on a white background.

Color Contrast Check

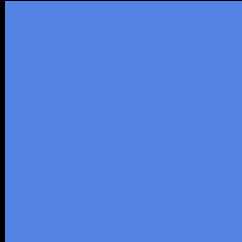
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7060, 49.4449, -39.2072 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 127.7060, 49.4449, -39.2072

Background



This preview shows how black text looks on a background with the YUV color 127.7060, 49.4449, -39.2072.



This preview shows how white text looks on a background with the YUV color 127.7060, 49.4449, -39.2072.

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

127.7060, 49.4449, -39.2072

Protanopia

129.3970, 48.1183, -33.6742

Deuteranopia

123.3730, 51.0881, -52.9471



Tritanopia

117.1690, 20.1297, -63.2922

Trichromacy



Original Color

127.7060, 49.4449, -39.2072

Protanomaly

128.5000, 48.5605, -35.5185

Deuteranomaly

124.8790, 50.3457, -48.1289

Tritanomaly

121.2700, 30.4329, -54.6108

Monochromacy



Original Color

127.7060, 49.4449, -39.2072

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9070, 17.7938, -13.9504

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7060, 49.4449, -39.2072 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(83, 131, 228)` looks like.

```
.text, #text, p{  
    color:rgb(83, 131, 228)  
}
```

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(83, 131, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 131, 228) }
```

Border

The CSS property to change the border of an element to YUV 127.7060, 49.4449, -39.2072 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(83, 131, 228) }
```


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

```
.border{ border-color:rgb(83, 131, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 131, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 131, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 131, 228);  
box-shadow:4px 4px 4px 4px rgb(83, 131,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 127.7060, 49.4449, -39.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 131, 228) }
```

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

```
.background{ background-color: rgb(83, 131,  
228) }
```

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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