

Converting Colors

YUV(127.1450, 53.6655,
-39.5922)

Have a look what the booklet for
YUV(127.1450, 53.6655, -39.5922)
contains.

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Color

**YUV(127.1450, 53.6655,
-39.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	5281EC
RGB	82, 129, 236
RGB Percent	32%, 51%, 93%
CMY	0.6784, 0.4941, 0.0745
CMYK	0.65, 0.45, 0.00, 0.07
HSL	222°, 80%, 62%
HSV	222°, 65%, 93%
XYZ	26.4703, 23.5505, 82.5074
YIQ	127.1450, -62.3590, 23.3130

Conversions

Conversions Part 2

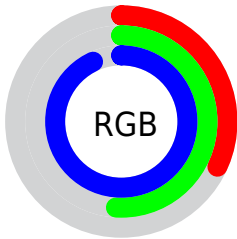
Format	Color
R _Y B	82, 118, 236
Decimal	5407212
CIE Lab	55.63, 17.75, -58.83
CIE LCh	56, 61.448, 286.789
Yxy	23.5505, 0.1997, 0.1777
Android (android.graphics.Color)	4283597292 (0xFF5281EC)
YUV	127.1450, 53.6655, -39.5922
Hunter-Lab	48.5288, 12.4381, -66.8331

Details

The YUV color **127.1450, 53.6655, -39.5922** 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 **190.8550, -53.6655, 39.5922**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6720, 37.6297, -29.5303**, and **67.9530, 54.7462, -59.5948** is the 20% darker color. If you saturate the color by 10%, you get **110.5770, 61.8335, -46.1100**, and if you desaturate by 10%, it is **143.7130, 45.4975, -33.0743**.

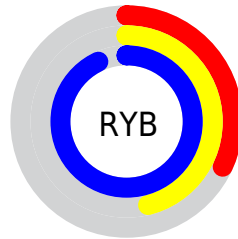
Distribution



Red (32%)

Green (51%)

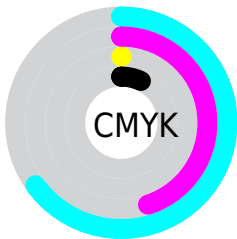
Blue (93%)



Red (32%)

Yellow (46%)

Blue (93%)

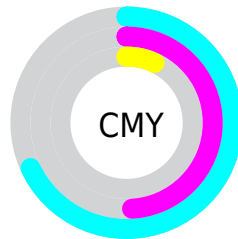


Cyan (65%)

Magenta (45%)

Yellow (0%)

Black (7%)



Cyan (68%)

Magenta (49%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1450, 53.6655, -39.5922 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 127.1450, 53.6655, -39.5922 by changing the saturation by 10% instead.

■ 127.1450, 53.6655,
-39.5922

■ 127.1450, 53.6655,
-39.5922

255.0000, 0.0000,
0.0000

■ 97.8020, 53.8346,
-47.1844

■ 178.6720, 37.6297,
-29.5303

■ 67.9530, 54.7462,
-59.5948

■ 204.0780, 25.1045,
-25.5014

■ 51.3740, 49.6086,
-45.0550

■ 229.4840, 12.5794,
-21.4725

■ 36.6700, 44.0397,
-32.1596

■ 249.3190, 2.8007,
-11.6808

■ 22.5530, 38.1814,
-19.7790

■ 13.8330, 30.1553,
-12.1315

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 127.1450, 53.6655,
-39.5922

■ 127.1450, 53.6655,
-39.5922

■ 110.5770, 61.8335,
-46.1100

■ 143.7130, 45.4975,
-33.0743

■ 93.7210, 70.1435,
-51.4983

■ 160.5690, 37.1875,
-27.6860

■ 77.1530, 78.3116,
-58.0162

■ 177.1370, 29.0195,
-21.1681

■ 69.1680, 82.2482,
-60.6603

■ 193.9930, 20.7095,
-15.7799

■ 210.5610, 12.5414,
-9.2620

■ 227.1290, 4.3734,
-2.7441

■ 243.9850, -3.9366,
2.6442

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



112.7200, 61.2700, -98.8554



127.1450, 53.6655, -39.5922



136.9600, 34.5297, 31.6071

Triad

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



127.1450, 53.6655, -39.5922



129.1840, -35.5867, 74.3836



104.3570, 1.3030, -91.5211

Complementary

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



127.1450, 53.6655, -39.5922



190.8550, -53.6655, 39.5922

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.



114.5270, -29.8398, -42.5582



127.1450, 53.6655, -39.5922



126.3890, -56.8868, 46.1398

Square

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



127.1450, 53.6655, -39.5922



128.1020, -10.8963, 88.4875



121.8050, -58.0779, 8.0640



111.3280, 25.4743, -97.6347

Rectangle

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



127.1450, 53.6655, -39.5922



133.9010, 20.7548, 63.2308



121.8050, -58.0779, 8.0640



101.1310, -5.9806, -88.6919

Sweetspot

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



127.1450, 53.6655, -39.5922



219.2060, 17.6464, -13.3357



184.3680, 1.2976, -89.7767



105.8170, 10.9362, -7.7325



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.



127.1450, 53.6655, -39.5922



114.4930, 69.2700, -51.2984



107.9280, 63.1395, 1.8171



109.0150, 3.9366, -2.6442



52.9190, 63.1439, -46.4100



15.5480, 18.9568, -13.6356

Inverse Universe

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



133.4040, -2.1712, 89.9767



122.4550, -2.6893, 116.2420



210.0720, -63.1395, -1.8171



109.6310, -0.3111, 6.4626



60.3890, -2.6568, 105.7758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 127.1450, 53.6655, -39.5922 looks on a white background.

Color Contrast Check

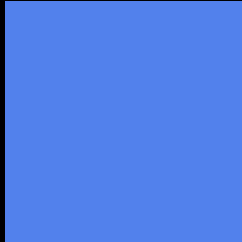
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1450, 53.6655, -39.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

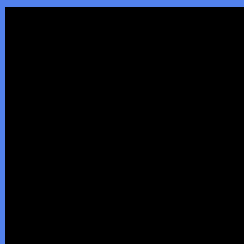
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

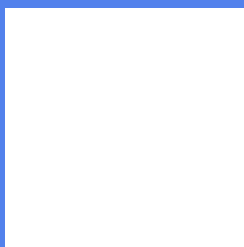
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.1450, 53.6655, -39.5922

Background



This preview shows how black text looks on a background with the YUV color 127.1450, 53.6655, -39.5922.



This preview shows how white text looks on a background with the YUV color 127.1450, 53.6655, -39.5922.

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

127.1450, 53.6655, -39.5922

Protanopia

127.1450, 53.6655, -39.5922

Deuteranopia

117.9950, 57.6835, -68.4016



Tritanopia

113.8690, 21.7566, -71.7991

Trichromacy



Original Color

127.1450, 53.6655, -39.5922

Protanomaly

127.1450, 53.6655, -39.5922

Deuteranomaly

121.3060, 56.0511, -58.1504

Tritanomaly

118.3340, 33.3593, -59.9289

Monochromacy



Original Color

127.1450, 53.6655, -39.5922

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3630, 19.5410, -14.3504

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1450, 53.6655, -39.5922 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(82, 129, 236)` looks like.

```
.text, #text, p{  
    color:rgb(82, 129, 236)  
}
```

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(82, 129, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 129, 236) }
```

Border

The CSS property to change the border of an element to YUV 127.1450, 53.6655, -39.5922 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(82, 129, 236) }
```


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

```
.border{ border-color:rgb(82, 129, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 129, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 129, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 129, 236);  
box-shadow:4px 4px 4px 4px rgb(82, 129,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 127.1450, 53.6655, -39.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 129, 236) }
```

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

```
.background{ background-color: rgb(82, 129,  
236) }
```

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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