

Converting Colors

YUV(127.6850, 61.2873,
-57.6057)

Have a look what the booklet for
YUV(127.6850, 61.2873, -57.6057)
contains.

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Color

**YUV(127.6850, 61.2873,
-57.6057)**

Conversions

Conversions Part 1

Format	Color
Hex	3E89FC
RGB	62, 137, 252
RGB Percent	24%, 54%, 99%
CMY	0.7569, 0.4627, 0.0118
CMYK	0.75, 0.46, 0.00, 0.01
HSL	216°, 97%, 62%
HSV	216°, 75%, 99%
XYZ	28.5030, 25.9437, 95.6008
YIQ	127.6850, -81.6150, 19.8650

Conversions

Conversions Part 2

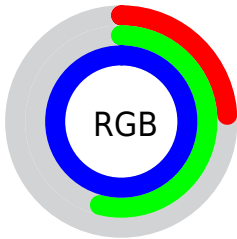
Format	Color
R _Y B	62, 116, 252
Decimal	4098556
CIE Lab	57.98, 15.78, -63.95
CIE LCh	58, 65.872, 283.859
Yxy	25.9437, 0.1900, 0.1729
Android (android.graphics.Color)	4282288636 (0xFF3E89FC)
YUV	127.6850, 61.2873, -57.6057
Hunter-Lab	50.9350, 10.7514, -75.6280

Details

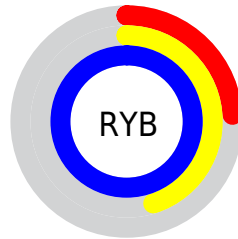
The YUV color **127.6850, 61.2873, -57.6057** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **186.3150, -61.2873, 57.6057**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3670, 36.7941, -41.5409**, and **73.8860, 59.7092, -64.7980** is the 20% darker color. If you saturate the color by 10%, you get **111.4050, 69.3133, -65.2532**, and if you desaturate by 10%, it is **143.9650, 53.2613, -49.9583**.

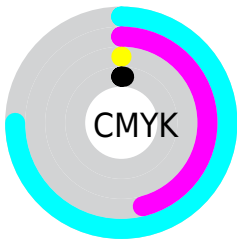
Distribution



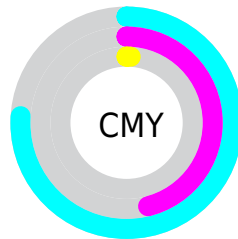
- Red (24%)
- Green (54%)
- Blue (99%)



- Red (24%)
- Yellow (45%)
- Blue (99%)



- Cyan (75%)
- Magenta (46%)
- Yellow (0%)
- Black (1%)



- Cyan (76%)
- Magenta (46%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6850, 61.2873, -57.6057 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 127.6850, 61.2873, -57.6057 by changing the saturation by 10% instead.

■ 127.6850, 61.2873,
-57.6057

■ 127.6850, 61.2873,
-57.6057

255.0000, 0.0000,
0.0000

■ 91.1660, 64.9942,
-79.9526

■ 180.3670, 36.7941,
-41.5409

■ 73.8860, 59.7092,
-64.7980

■ 205.7840, 24.2635,
-35.7676

■ 57.7800, 53.8455,
-50.6731

■ 232.3750, 11.1541,
-31.0239

■ 42.3750, 48.1291,
-37.1629

■ 246.9270, 3.9800,
-16.5990

■ 28.8450, 41.9814,
-25.2971

■ 14.1410, 36.4125,
-12.4017

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 127.6850, 61.2873,
-57.6057

■ 127.6850, 61.2873,
-57.6057

■ 111.4050, 69.3133,
-65.2532

■ 143.9650, 53.2613,
-49.9583

■ 94.5380, 77.6288,
-72.3858

■ 160.8320, 44.9458,
-42.8257

■ 86.8410, 81.4234,
-76.1596

■ 177.4110, 36.7724,
-34.5634

■ 193.6910, 28.7463,
-26.9160

■ 209.9710, 20.7203,
-19.2686

■ 226.8380, 12.4049,
-12.1359

■ 243.1180, 4.3788,
-4.4885

■ 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.



119.4850, 64.3439, -104.7883



127.6850, 61.2873, -57.6057



142.9040, 39.4873, 28.1482

Triad

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



127.6850, 61.2873, -57.6057



133.8260, -35.9032, 82.5906



108.2380, -1.5963, -94.9247

Complementary

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



127.6850, 61.2873, -57.6057



186.3150, -61.2873, 57.6057

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.



119.7570, -35.3762, -40.1289



127.6850, 61.2873, -57.6057



131.3530, -62.2920, 53.1874

Square

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



127.6850, 61.2873, -57.6057



132.4280, -8.5920, 96.0946



127.5730, -62.8935, 12.6525



116.2520, 24.0328, -101.9530

Rectangle

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



127.6850, 61.2873, -57.6057



140.3510, 24.9700, 64.5902



127.5730, -62.8935, 12.6525



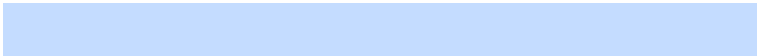
104.8980, -9.3167, -91.9955

Sweetspot

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



127.6850, 61.2873, -57.6057



216.8140, 18.8257, -18.2539



186.5260, -5.1893, -109.2093



104.3220, 11.6733, -10.8064



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.



127.6850, 61.2873, -57.6057



104.6370, 74.1290, -69.8416



89.3410, 80.1909, -7.3151



116.4170, 4.2314, -3.8737



64.9840, 61.1399, -56.9910



21.0420, 19.6993, -18.4538

Inverse Universe

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



127.3600, 4.7525, 109.3093



104.1440, 5.8450, 132.3007



224.6590, -80.1909, 7.3151



116.4570, 0.2677, 7.4922



64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 127.6850, 61.2873, -57.6057 looks on a white background.

Color Contrast Check

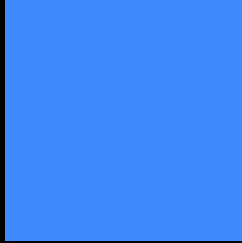
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6850, 61.2873, -57.6057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

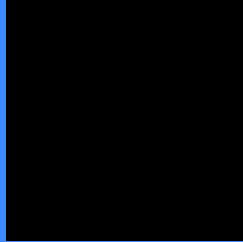
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

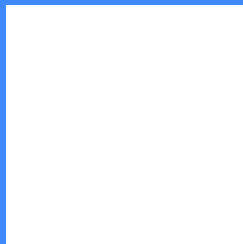
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.6850, 61.2873, -57.6057

Background



This preview shows how black text looks on a background with the YUV color 127.6850, 61.2873, -57.6057.



This preview shows how white text looks on a background with the YUV color 127.6850, 61.2873, -57.6057.

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

127.6850, 61.2873, -57.6057

Protanopia

132.4480, 57.4601, -43.3659

Deuteranopia

111.2670, 68.3954, -97.5812



Tritanopia

109.2080, 27.5055, -95.7754

Trichromacy



Original Color

127.6850, 61.2873, -57.6057

Protanomaly

130.7570, 58.7868, -48.8989

Deuteranomaly

117.6710, 65.7312, -83.0265

Tritanomaly

116.2110, 39.8290, -81.7460

Monochromacy



Original Color

127.6850, 61.2873, -57.6057

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7150, 22.3255, -20.7981

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6850, 61.2873, -57.6057 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(62, 137, 252)` looks like.

```
.text, #text, p{  
    color:rgb(62, 137, 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(62, 137, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 137, 252) }
```

Border

The CSS property to change the border of an element to YUV 127.6850, 61.2873, -57.6057 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(62, 137, 252) }
```


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

```
.border{ border-color:rgb(62, 137, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 137, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 137, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 137, 252);  
box-shadow:4px 4px 4px 4px rgb(62, 137,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 127.6850, 61.2873, -57.6057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 137, 252) }
```

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

```
.background{ background-color: rgb(62, 137,  
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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