

Converting Colors

YUV(127.6320, 61.8064,
-37.3883)

Have a look what the booklet for
YUV(127.6320, 61.8064, -37.3883)
contains.

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Color

**YUV(127.6320, 61.8064,
-37.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	557DFD
RGB	85, 125, 253
RGB Percent	33%, 49%, 99%
CMY	0.6667, 0.5098, 0.0078
CMYK	0.66, 0.51, 0.00, 0.01
HSL	226°, 98%, 66%
HSV	226°, 66%, 99%
XYZ	28.8096, 23.6904, 95.9828
YIQ	127.6320, -64.9280, 31.3280

Conversions

Conversions Part 2

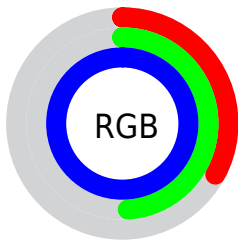
Format	Color
R _Y B	85, 117, 253
Decimal	5602813
CIE Lab	55.78, 26.49, -68.01
CIE LCh	56, 72.990, 291.278
Yxy	23.6904, 0.1940, 0.1595
Android (android.graphics.Color)	4283792893 (0xFF557DFD)
YUV	127.6320, 61.8064, -37.3883
Hunter-Lab	48.6728, 20.4773, -82.8491

Details

The YUV color **127.6320, 61.8064, -37.3883** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **210.3680, -61.8064, 37.3883**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8190, 38.0502, -24.3973**, and **67.4290, 62.8925, -59.1352** is the 20% darker color. If you saturate the color by 10%, you get **109.0040, 70.9900, -42.9765**, and if you desaturate by 10%, it is **146.2600, 52.6228, -31.8000**.

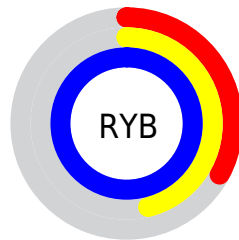
Distribution



Red (33%)

Green (49%)

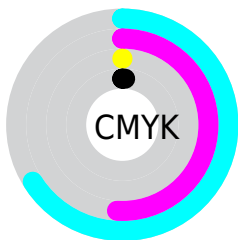
Blue (99%)



Red (33%)

Yellow (46%)

Blue (99%)

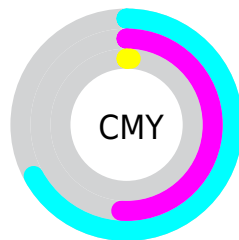


Cyan (66%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (67%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6320, 61.8064, -37.3883 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 127.6320, 61.8064, -37.3883 by changing the saturation by 10% instead.

■ 127.6320, 61.8064,
-37.3883

■ 127.6320, 61.8064,
-37.3883

255.0000, 0.0000,
0.0000

■ 97.3920, 62.4177,
-46.8248

■ 177.8190, 38.0502,
-24.3973

■ 67.4290, 62.8925,
-59.1352

■ 202.9370, 25.6671,
-19.2387

■ 51.4370, 57.4656,
-45.1102

■ 229.2290, 12.7051,
-15.1098

■ 36.5050, 51.0230,
-32.0149

■ 251.4120, 1.7689,
-7.3773

■ 22.9750, 44.8753,
-20.1491

■ 13.6680, 37.1387,
-11.9868

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 127.6320, 61.8064,
-37.3883

■ 127.6320, 61.8064,
-37.3883

■ 109.0040, 70.9900,
-42.9765

■ 146.2600, 52.6228,
-31.8000

■ 89.4900, 80.6104,
-48.6647

■ 165.7740, 43.0024,
-26.1118

■ 70.8620, 89.7940,
-54.2530

■ 184.4020, 33.8188,
-20.5236

■ 64.0620, 93.1464,
-56.1824

■ 203.0300, 24.6352,
-14.9353

■ 221.9570, 15.3042,
-8.7323

■ 241.1720, 5.8312,
-3.6588

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



115.3590, 68.8430, -101.1698



127.6320, 61.8064, -37.3883



135.7970, 38.5541, 47.5360

Triad

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



127.6320, 61.8064, -37.3883



125.6660, -46.6703, 82.7309



107.2750, 2.3294, -94.0802

Complementary

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



127.6320, 61.8064, -37.3883



210.3680, -61.8064, 37.3883

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.



96.2290, -24.7629, -84.3928



127.6320, 61.8064, -37.3883



125.7110, -61.9755, 44.9805

Square

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



127.6320, 61.8064, -37.3883



121.3000, -14.4449, 106.7309



119.8100, -59.0663, -1.5874



115.3860, 30.8687, -101.1935

Rectangle

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



127.6320, 61.8064, -37.3883



129.0160, 23.1631, 84.1780



119.8100, -59.0663, -1.5874



103.5930, -6.7013, -90.8511

Sweetspot

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



127.6320, 61.8064, -37.3883



216.8580, 18.8040, -11.2765



197.9800, 6.4189, -99.0835



104.6430, 11.5150, -6.7029



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.



127.6320, 61.8064, -37.3883



103.0190, 74.9266, -45.6207



116.7100, 67.1910, 9.0243



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Inverse Universe

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



139.7920, -7.2925, 99.2834



117.5820, -8.6679, 120.5156



221.2900, -67.1910, -9.0243



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 127.6320, 61.8064, -37.3883 looks on a white background.

Color Contrast Check

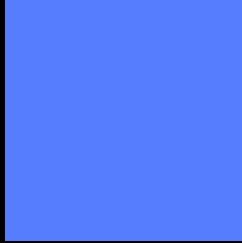
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6320, 61.8064, -37.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

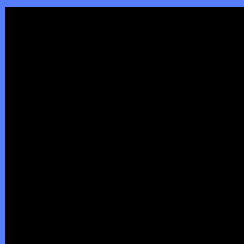
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

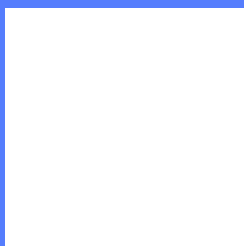
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.6320, 61.8064, -37.3883

Background



This preview shows how black text looks on a background with the YUV color 127.6320, 61.8064, -37.3883.



This preview shows how white text looks on a background with the YUV color 127.6320, 61.8064, -37.3883.

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

127.6320, 61.8064, -37.3883

Protanopia

122.7330, 65.2076, -55.0168

Deuteranopia

106.9640, 64.6007, -93.8074



Tritanopia

104.4150, 26.9104, -91.5720

Trichromacy



Original Color

127.6320, 61.8064, -37.3883

Protanomaly

124.7230, 63.7336, -48.8691

Deuteranomaly

114.4550, 63.3727, -73.1900

Tritanomaly

112.8640, 39.5070, -71.7947

Monochromacy



Original Color

127.6320, 61.8064, -37.3883

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7590, 22.3038, -13.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6320, 61.8064, -37.3883 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(85, 125, 253)` looks like.

```
.text, #text, p{  
    color:rgb(85, 125, 253)  
}
```

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(85, 125, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 125, 253) }
```

Border

The CSS property to change the border of an element to YUV 127.6320, 61.8064, -37.3883 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(85, 125, 253) }
```


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

```
.border{ border-color:rgb(85, 125, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 125, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 125, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 125, 253);  
box-shadow:4px 4px 4px 4px rgb(85, 125,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 127.6320, 61.8064, -37.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 125, 253) }
```

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

```
.background{ background-color: rgb(85, 125,  
253) }
```

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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