

Converting Colors

YUV(155.7770, 44.9729,
-51.5474)

Have a look what the booklet for
YUV(155.7770, 44.9729, -51.5474)
contains.

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Color

**YUV(155.7770, 44.9729,
-51.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	61A8F7
RGB	97, 168, 247
RGB Percent	38%, 66%, 97%
CMY	0.6196, 0.3412, 0.0314
CMYK	0.61, 0.32, 0.00, 0.03
HSL	212°, 90%, 67%
HSV	212°, 61%, 97%
XYZ	35.7209, 37.2621, 93.3053
YIQ	155.7770, -67.6750, 9.5170

Conversions

Conversions Part 2

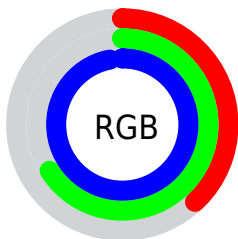
Format	Color
R _Y B	97, 145, 247
Decimal	6400247
CIE Lab	67.47, 1.03, -46.05
CIE LCh	67, 46.059, 271.279
Yxy	37.2621, 0.2148, 0.2241
Android (android.graphics.Color)	4284590327 (0xFF61A8F7)
YUV	155.7770, 44.9729, -51.5474
Hunter-Lab	61.0426, -2.3701, -47.8965

Details

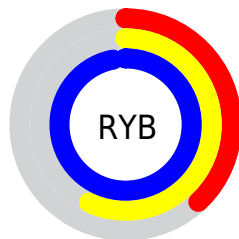
The YUV color **155.7770, 44.9729, -51.5474** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **188.2230, -44.9729, 51.5474**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2130, 23.5590, -43.1598**, and **93.0410, 47.8008, -71.9500** is the 20% darker color. If you saturate the color by 10%, you get **140.6710, 52.4202, -60.2245**, and if you desaturate by 10%, it is **170.8830, 37.5257, -42.8704**.

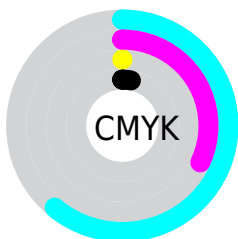
Distribution



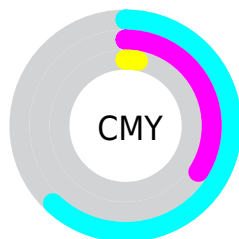
- Red (38%)
- Green (66%)
- Blue (97%)



- Red (38%)
- Yellow (57%)
- Blue (97%)



- Cyan (61%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)



- Cyan (62%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7770, 44.9729, -51.5474 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 155.7770, 44.9729, -51.5474 by changing the saturation by 10% instead.

■ 155.7770, 44.9729,
-51.5474

■ 155.7770, 44.9729,
-51.5474

255.0000, 0.0000,
0.0000

■ 127.0430, 44.8418,
-56.1657

■ 207.2130, 23.5590,
-43.1598

■ 93.0410, 47.8008,
-71.9500

■ 232.6190, 11.0338,
-39.1309

■ 72.5860, 44.5741,
-63.6579

■ 243.9370, 5.4541,
-22.7467

■ 56.0070, 39.4365,
-49.1181

■ 253.2060, 0.8844,
-3.6887

■ 40.1290, 34.4464,
-35.1931

■ 26.1260, 29.0249,
-22.9125

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 155.7770, 44.9729,
-51.5474

■ 155.7770, 44.9729,
-51.5474

■ 140.6710, 52.4202,
-60.2245

■ 170.8830, 37.5257,
-42.8704

■ 125.8640, 59.7200,
-68.2867

■ 185.6900, 30.2258,
-34.8081

■ 110.7580, 67.1673,
-76.9638

■ 200.7960, 22.7786,
-26.1311

■ 96.8370, 74.0304,
-84.9260

■ 215.9020, 15.3313,
-17.4541

■ 230.7090, 8.0315,
-9.3918

■ 245.8150, 0.5842,
-0.7148

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



131.9770, 51.2833, -115.7438



155.7770, 44.9729, -51.5474



167.4310, 33.3115, 2.2530

Triad

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



155.7770, 44.9729, -51.5474



164.7390, -20.5773, 66.8809



148.3640, -12.5045, -49.4312

Complementary

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



155.7770, 44.9729, -51.5474



188.2230, -44.9729, 51.5474

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.



156.4540, -32.2688, -10.0452



155.7770, 44.9729, -51.5474



163.4430, -35.2214, 50.4775

Square

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



155.7770, 44.9729, -51.5474



167.0650, -1.5110, 64.8410



160.8990, -40.3762, 23.7676



127.9920, 18.2449, -112.2490

Rectangle

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



155.7770, 44.9729, -51.5474



169.0880, 23.6206, 30.6178



160.8990, -40.3762, 23.7676



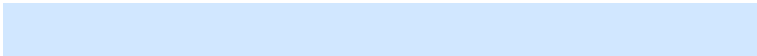
151.8020, -20.1154, -34.9064

Sweetspot

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



155.7770, 44.9729, -51.5474



227.1580, 13.7261, -15.9246



193.8280, -9.7752, -84.9182



110.5240, 8.6157, -10.1065



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.



155.7770, 44.9729, -51.5474



141.8600, 55.7780, -63.8982



114.6980, 65.2249, -13.7671



114.8900, 3.5052, -4.2885



72.8600, 55.7780, -63.8982



23.1620, 17.6681, -20.3131

Inverse Universe

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



149.9440, 8.9016, 85.1181



134.6460, 11.0205, 105.5505



229.3020, -65.2249, 13.7671



114.2720, 0.8519, 6.7775



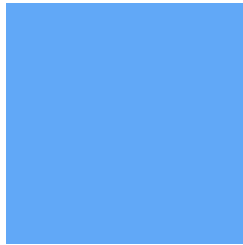
65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 155.7770, 44.9729, -51.5474 looks on a white background.

Color Contrast Check

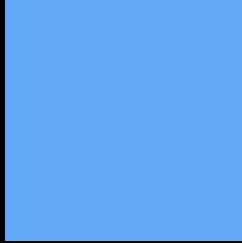
Large Text (above 18pt) WCAG AA × Fail

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 155.7770, 44.9729, -51.5474 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

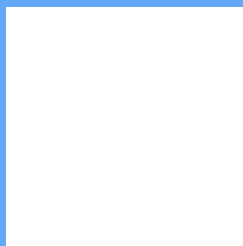
Any Text WCAG AAA ✓ Pass

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

YUV 155.7770, 44.9729, -51.5474 Background



This preview shows how black text looks on a background with the YUV color 155.7770, 44.9729, -51.5474.



This preview shows how white text looks on a background with the YUV color 155.7770, 44.9729, -51.5474.

-51.5474.

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

155.7770, 44.9729, -51.5474

Protanopia

162.9440, 38.4816, -22.7529

Deuteranopia

160.7300, 43.0241, -33.0892



Tritanopia

148.6030, 21.8877, -67.1808

Trichromacy



Original Color

155.7770, 44.9729, -51.5474

Protanomaly

160.4480, 40.6981, -33.7189

Deuteranomaly

159.2130, 43.7720, -39.6518

Tritanomaly

151.2260, 30.4546, -61.5882

Monochromacy



Original Color

155.7770, 44.9729, -51.5474

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8310, 16.3523, -18.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7770, 44.9729, -51.5474 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(97, 168, 247)` looks like.

```
.text, #text, p{  
    color:rgb(97, 168, 247)  
}
```

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(97, 168, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 168, 247) }
```

Border

The CSS property to change the border of an element to YUV 155.7770, 44.9729, -51.5474 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(97, 168, 247) }
```


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

```
.border{ border-color:rgb(97, 168, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 168, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 168, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 168, 247);  
box-shadow:4px 4px 4px 4px rgb(97, 168,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 155.7770, 44.9729, -51.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 168, 247) }
```

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

```
.background{ background-color: rgb(97, 168,  
247) }
```

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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