

Converting Colors

YUV(156.1130, 48.7513,
-50.0881)

Have a look what the booklet for
YUV(156.1130, 48.7513, -50.0881)
contains.

YUV(156.1130, 48.7513, -50.0881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.1130, 48.7513,
-50.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	63A6FF
RGB	99, 166, 255
RGB Percent	39%, 65%, 100%
CMY	0.6118, 0.3490, 0.0000
CMYK	0.61, 0.35, 0.00, 0.00
HSL	214°, 100%, 69%
HSV	214°, 61%, 100%
XYZ	36.8318, 37.1451, 99.8362
YIQ	156.1130, -68.5010, 13.4750

Conversions

Conversions Part 2

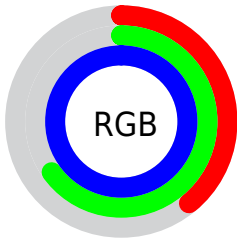
Format	Color
R _Y B	99, 146, 255
Decimal	6530815
CIE Lab	67.39, 5.11, -50.53
CIE LCh	67, 50.789, 275.771
Yxy	37.1451, 0.2119, 0.2137
Android (android.graphics.Color)	4284720895 (0xFF63A6FF)
YUV	156.1130, 48.7513, -50.0881
Hunter-Lab	60.9468, 1.2156, -54.4595

Details

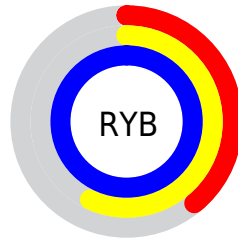
The YUV color **156.1130, 48.7513, -50.0881** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **197.8870, -48.7513, 50.0881**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9360, 23.6956, -40.2859**, and **93.3660, 51.5846, -72.2350** is the 20% darker color. If you saturate the color by 10%, you get **139.5340, 56.9247, -58.3503**, and if you desaturate by 10%, it is **172.3930, 40.7253, -42.4407**.

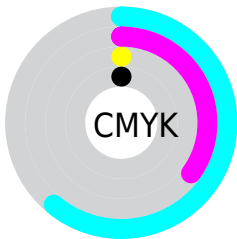
Distribution



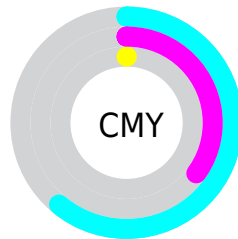
- Red (39%)
- Green (65%)
- Blue (100%)



- Red (39%)
- Yellow (57%)
- Blue (100%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1130, 48.7513, -50.0881 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 156.1130, 48.7513, -50.0881 by changing the saturation by 10% instead.

■ 156.1130, 48.7513,
-50.0881

■ 156.1130, 48.7513,
-50.0881

255.0000, 0.0000,
0.0000

■ 127.3790, 48.6202,
-54.7064

■ 206.9360, 23.6956,
-40.2859

■ 93.3660, 51.5846,
-72.2350

■ 232.3420, 11.1704,
-36.2569

■ 72.2100, 48.2105,
-63.3282

■ 244.8340, 5.0118,
-20.9024

■ 56.2180, 42.7835,
-49.3032

254.1030, 0.4422,
-1.8443

■ 40.3400, 37.7934,
-35.3782

■ 26.3370, 32.3719,
-23.0975

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 156.1130, 48.7513,
-50.0881

■ 156.1130, 48.7513,
-50.0881

■ 139.5340, 56.9247,
-58.3503

■ 172.3930, 40.7253,
-42.4407

■ 123.8410, 64.6614,
-66.5126

■ 188.3850, 32.8412,
-33.6636

■ 107.2620, 72.8348,
-74.7748

■ 204.9640, 24.6677,
-25.4014

■ 93.6400, 79.5505,
-82.1223

■ 220.6570, 16.9311,
-17.2392

■ 237.2360, 8.7577,
-8.9770

■ 252.9290, 1.0210,
-0.8147

■ 255.0000, 0.0000,
0.0000

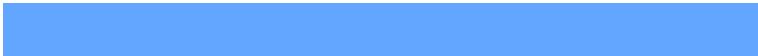
Harmonies

Analogous

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



133.2310, 56.0881, -116.8436



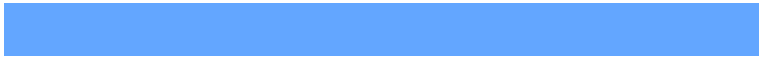
156.1130, 48.7513, -50.0881



168.2300, 34.8896, 9.4453

Triad

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



156.1130, 48.7513, -50.0881



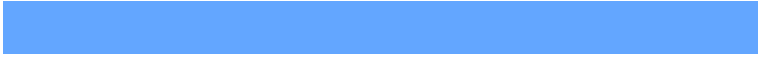
163.6210, -24.9562, 71.3694



142.8890, -8.8193, -64.8007

Complementary

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



156.1130, 48.7513, -50.0881



197.8870, -48.7513, 50.0881

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.



153.8830, -32.9733, -17.4374



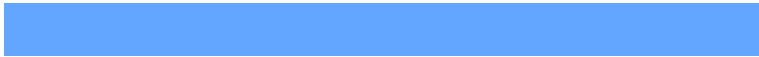
156.1130, 48.7513, -50.0881



162.0750, -40.4630, 51.6772

Square

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



156.1130, 48.7513, -50.0881



165.7240, -4.3009, 73.0331



158.5520, -44.1491, 20.5639



129.3770, 21.0131, -113.4636

Rectangle

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



156.1130, 48.7513, -50.0881



169.0290, 23.1567, 39.4396



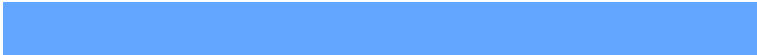
158.5520, -44.1491, 20.5639



147.8930, -18.1882, -46.3872

Sweetspot

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



156.1130, 48.7513, -50.0881



225.9840, 14.3049, -14.8950



200.6040, -6.7068, -89.1067



109.3500, 9.1945, -9.0769



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.



156.1130, 48.7513, -50.0881



137.1640, 58.0931, -59.7798



119.7740, 66.6664, -9.4488



119.4170, 4.2314, -3.8737



69.9080, 59.6984, -61.3093



23.1450, 20.1415, -20.2982

Inverse Universe

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



153.2820, 6.2700, 89.2067



133.7340, 7.5261, 106.3503



234.2260, -66.6664, 9.4488



119.4570, 0.2677, 7.4922



66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 156.1130, 48.7513, -50.0881 looks on a white background.

Color Contrast Check

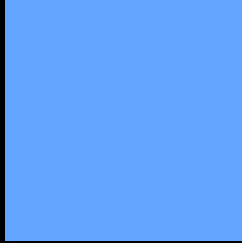
Large Text (above 18pt) WCAG AA × Fail

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 156.1130, 48.7513, -50.0881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

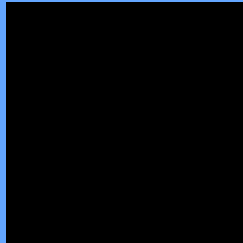
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

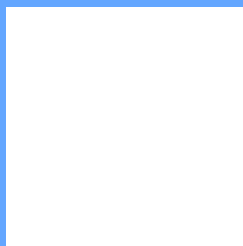
Any Text WCAG AAA ✓ Pass

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

YUV 156.1130, 48.7513, -50.0881 Background



This preview shows how black text looks on a background with the YUV color 156.1130, 48.7513, -50.0881.



This preview shows how white text looks on a background with the YUV color 156.1130, 48.7513, -50.0881.

-50.0881.

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

156.1130, 48.7513, -50.0881

Protanopia

161.5890, 43.5866, -26.8266

Deuteranopia

158.8370, 47.4084, -39.3220



Tritanopia

147.4180, 22.4719, -67.8956

Trichromacy



Original Color

156.1130, 48.7513, -50.0881

Protanomaly

159.4030, 45.6503, -35.4334

Deuteranomaly

157.9290, 47.8560, -42.9107

Tritanomaly

150.9810, 32.0544, -61.3733

Monochromacy



Original Color

156.1130, 48.7513, -50.0881

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.1730, 17.6627, -18.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1130, 48.7513, -50.0881 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(99, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 166, 255)  
}
```

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(99, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 166, 255) }
```

Border

The CSS property to change the border of an element to YUV 156.1130, 48.7513, -50.0881 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(99, 166, 255) }
```


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

```
.border{ border-color:rgb(99, 166, 255) }
```

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

Here you see how a box with a 4 pixel rgb(99, 166, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 166,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 156.1130, 48.7513, -50.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 166, 255) }
```

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

```
.background{ background-color: rgb(99, 166,  
255) }
```

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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