

Converting Colors

YUV(155.5480, 49.0298,
-46.0846)

Have a look what the booklet for
YUV(155.5480, 49.0298, -46.0846)
contains.

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Color

**YUV(155.5480, 49.0298,
-46.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	67A3FF
RGB	103, 163, 255
RGB Percent	40%, 64%, 100%
CMY	0.5961, 0.3608, 0.0000
CMYK	0.60, 0.36, 0.00, 0.00
HSL	216°, 100%, 70%
HSV	216°, 60%, 100%
XYZ	36.7407, 36.2980, 99.6775
YIQ	155.5480, -65.2920, 15.8920

Conversions

Conversions Part 2

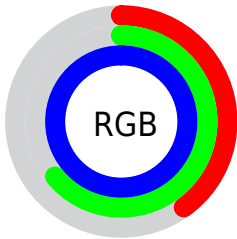
Format	Color
RYB	103, 146, 255
Decimal	6792191
CIELab	66.75, 7.56, -51.53
CIELCh	67, 52.081, 278.346
Yxy	36.2980, 0.2127, 0.2102
Android (android.graphics.Color)	4284982271 (0xFF67A3FF)
YUV	155.5480, 49.0298, -46.0846
Hunter-Lab	60.2478, 3.4205, -55.9194

Details

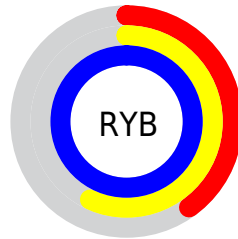
The YUV color **155.5480, 49.0298, -46.0846** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **202.4520, -49.0298, 46.0846**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0720, 24.1215, -36.8971**, and **95.7910, 50.3890, -62.0837** is the 20% darker color. If you saturate the color by 10%, you get **139.2680, 57.0559, -53.7320**, and if you desaturate by 10%, it is **172.1270, 40.8564, -37.8224**.

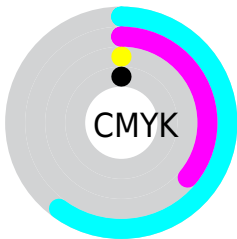
Distribution



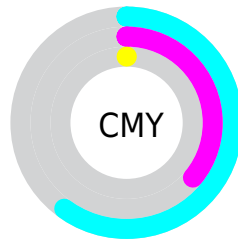
- Red (40%)
- Green (64%)
- Blue (100%)



- Red (40%)
- Yellow (57%)
- Blue (100%)



- Cyan (60%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5480, 49.0298, -46.0846 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 155.5480, 49.0298, -46.0846 by changing the saturation by 10% instead.

■ 155.5480, 49.0298,
-46.0846

■ 155.5480, 49.0298,
-46.0846

255.0000, 0.0000,
0.0000

■ 127.1130, 48.7513,
-50.0881

■ 206.0720, 24.1215,
-36.8971

■ 95.7910, 50.3890,
-62.0837

■ 231.4780, 11.5963,
-32.8682

■ 71.0360, 48.7893,
-62.2986

■ 246.0300, 4.4222,
-18.4433

■ 54.4570, 43.6517,
-47.7588

■ 39.1660, 38.3722,
-34.3486

■ 25.1630, 32.9506,
-22.0680

■ 11.8610, 27.6765,

-10.4021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 155.5480, 49.0298,
-46.0846

■ 155.5480, 49.0298,
-46.0846

■ 139.2680, 57.0559,
-53.7320

■ 172.1270, 40.8564,
-37.8224

■ 122.1020, 65.5187,
-61.4795

■ 188.9940, 32.5410,
-30.6897

■ 105.5230, 73.6922,
-69.7417

■ 205.2740, 24.5149,
-23.0423

■ 88.6560, 82.0076,
-76.8743

■ 222.4400, 16.0521,
-15.2949

■ 88.3570, 82.1550,
-77.4891

■ 239.0190, 7.8786,
-7.0327

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.



132.2850, 57.5405, -116.0139



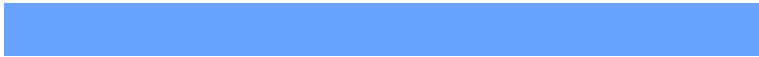
155.5480, 49.0298, -46.0846



166.7360, 34.1472, 14.2635

Triad

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



155.5480, 49.0298, -46.0846



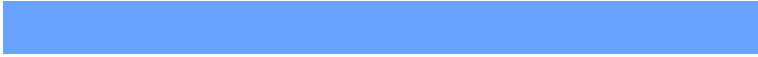
161.7520, -26.9927, 71.2545



137.6320, -5.7346, -74.2223

Complementary

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



155.5480, 49.0298, -46.0846



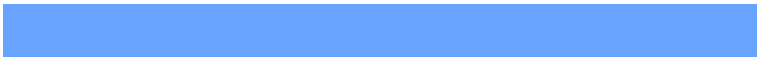
202.4520, -49.0298, 46.0846

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.



151.0890, -32.0889, -21.1261



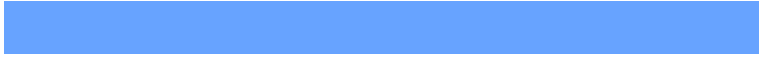
155.5480, 49.0298, -46.0846



160.1950, -42.4941, 49.8180

Square

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



155.5480, 49.0298, -46.0846



163.2790, -6.0535, 75.1773



156.6010, -45.1593, 17.8899



129.0180, 22.1761, -113.1488

Rectangle

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



155.5480, 49.0298, -46.0846



167.4210, 21.9774, 44.3578



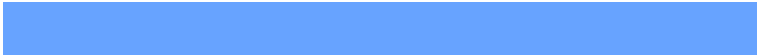
156.6010, -45.1593, 17.8899



144.6040, -16.5668, -53.1497

Sweetspot

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



155.5480, 49.0298, -46.0846



224.8100, 14.8837, -13.8654



202.5980, -4.2388, -87.3474



109.3500, 9.1945, -9.0769



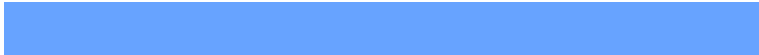
0.0000, 0.0000, 0.0000



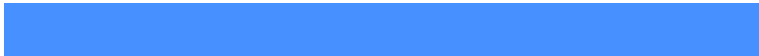
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.5480, 49.0298, -46.0846



134.8270, 59.2453, -55.9763



124.8130, 64.1822, -5.9750



119.4170, 4.2314, -3.8737



65.7990, 61.7241, -57.7057



21.9710, 20.7203, -19.2686

Inverse Universe

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



155.2880, 3.8020, 87.4474



134.3380, 4.7634, 105.8206



233.1870, -64.1822, 5.9750



119.4570, 0.2677, 7.4922



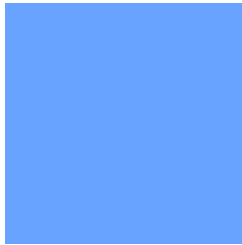
65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 155.5480, 49.0298, -46.0846 looks on a white background.

Color Contrast Check

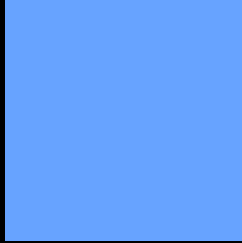
Large Text (above 18pt) WCAG AA × Fail

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 155.5480, 49.0298, -46.0846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

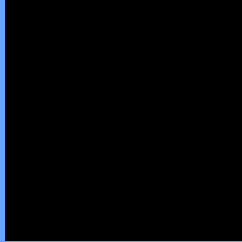
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

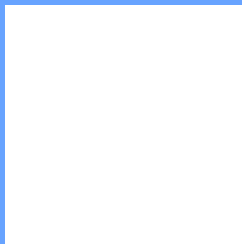
Any Text WCAG AAA ✓ Pass

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

YUV 155.5480, 49.0298, -46.0846 Background



This preview shows how black text looks on a background with the YUV color 155.5480, 49.0298, -46.0846.



This preview shows how white text looks on a background with the YUV color 155.5480, 49.0298, -46.0846.

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

155.5480, 49.0298, -46.0846

Protanopia

159.6320, 45.0444, -27.7413

Deuteranopia

157.0540, 48.2874, -41.2664



Tritanopia

147.0980, 21.1507, -64.1069

Trichromacy



Original Color

155.5480, 49.0298, -46.0846

Protanomaly

158.2290, 46.2291, -34.4038

Deuteranomaly

156.1570, 48.7296, -43.1107

Tritanomaly

150.1880, 31.4593, -57.1699

Monochromacy



Original Color

155.5480, 49.0298, -46.0846

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.1840, 17.6573, -16.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5480, 49.0298, -46.0846 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(103, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 163, 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(103, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 163, 255) }
```

Border

The CSS property to change the border of an element to YUV 155.5480, 49.0298, -46.0846 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(103, 163, 255) }
```


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

```
.border{ border-color:rgb(103, 163, 255) }
```

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

Here you see how a box with a 4 pixel rgb(103, 163, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 163,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 155.5480, 49.0298, -46.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 163, 255) }
```

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

```
.background{ background-color: rgb(103,  
163, 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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