

Converting Colors

YUV(157.9070, 47.8668,
-46.3994)

Have a look what the booklet for
YUV(157.9070, 47.8668, -46.3994)
contains.

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Color

**YUV(157.9070, 47.8668,
-46.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	69A6FF
RGB	105, 166, 255
RGB Percent	41%, 65%, 100%
CMY	0.5882, 0.3490, 0.0000
CMYK	0.59, 0.35, 0.00, 0.00
HSL	216°, 100%, 71%
HSV	216°, 59%, 100%
XYZ	37.5119, 37.4957, 99.8680
YIQ	157.9070, -64.9250, 14.7470

Conversions

Conversions Part 2

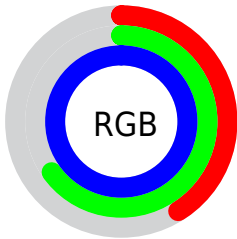
Format	Color
RYB	105, 148, 255
Decimal	6924031
CIELab	67.65, 6.21, -50.10
CIElCh	68, 50.485, 277.066
Yxy	37.4957, 0.2145, 0.2144
Android (android.graphics.Color)	4285114111 (0xFF69A6FF)
YUV	157.9070, 47.8668, -46.3994
Hunter-Lab	61.2337, 2.1905, -53.8343

Details

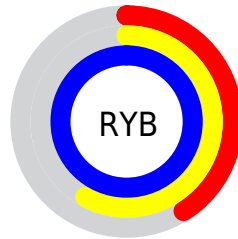
The YUV color **157.9070, 47.8668, -46.3994** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **202.0930, -47.8668, 46.3994**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4310, 22.9585, -37.2120**, and **99.0470, 48.7838, -60.5542** is the 20% darker color. If you saturate the color by 10%, you get **141.6270, 55.8929, -54.0469**, and if you desaturate by 10%, it is **174.4860, 39.6934, -38.1372**.

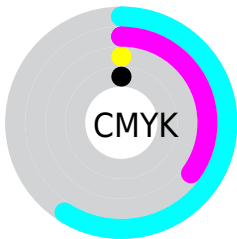
Distribution



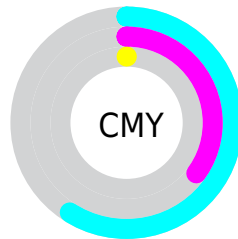
- Red (41%)
- Green (65%)
- Blue (100%)



- Red (41%)
- Yellow (58%)
- Blue (100%)



- Cyan (59%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.9070, 47.8668, -46.3994 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 157.9070, 47.8668, -46.3994 by changing the saturation by 10% instead.

■ 157.9070, 47.8668,
-46.3994

■ 157.9070, 47.8668,
-46.3994

255.0000, 0.0000,
0.0000

■ 129.4720, 47.5883,
-50.4029

■ 208.4310, 22.9585,
-37.2120

■ 99.0470, 48.7838,
-60.5542

■ 233.8370, 10.4334,
-33.1830

■ 72.2100, 48.2105,
-63.3282

■ 246.3290, 4.2748,
-17.8285

■ 56.2180, 42.7835,
-49.3032

■ 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

■ 157.9070, 47.8668,
-46.3994

■ 157.9070, 47.8668,
-46.3994

■ 141.6270, 55.8929,
-54.0469

■ 174.4860, 39.6934,
-38.1372

■ 125.0480, 64.0663,
-62.3091

■ 190.7660, 31.6674,
-30.4898

■ 108.4690, 72.2398,
-70.5713

■ 207.0460, 23.6413,
-22.8423

■ 91.6020, 80.5552,
-77.7040

■ 224.2120, 15.1785,
-15.0949

■ 90.1180, 81.2868,
-79.0335

■ 240.7910, 7.0050,
-6.8327

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.



133.3450, 56.5249, -116.9436



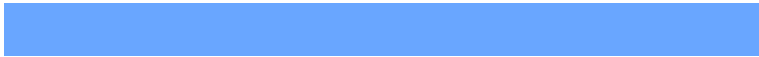
157.9070, 47.8668, -46.3994



169.0130, 34.0106, 11.3896

Triad

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



157.9070, 47.8668, -46.3994



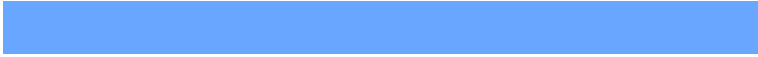
164.6810, -25.9717, 70.4398



143.2200, -7.5035, -66.8449

Complementary

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



157.9070, 47.8668, -46.3994



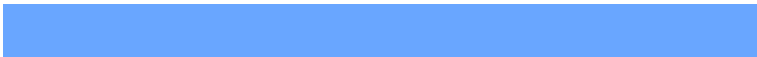
202.0930, -47.8668, 46.3994

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.



154.3990, -32.2417, -18.7669



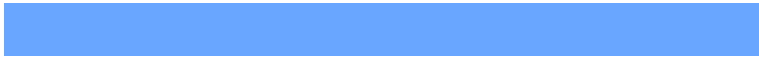
157.9070, 47.8668, -46.3994



162.9500, -40.8943, 50.0329

Square

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



157.9070, 47.8668, -46.3994



166.1970, -5.0271, 72.6182



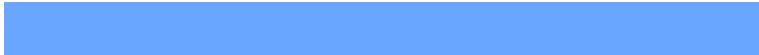
159.6550, -43.7069, 18.7196



130.1920, 21.5973, -114.1784

Rectangle

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



157.9070, 47.8668, -46.3994



169.8120, 22.2777, 41.3839



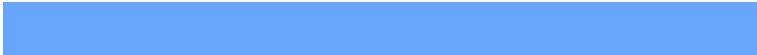
159.6550, -43.7069, 18.7196



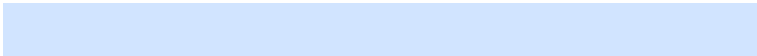
148.1100, -17.3092, -48.3315

Sweetspot

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



157.9070, 47.8668, -46.3994



225.3970, 14.5943, -14.3802



203.0820, -4.9704, -86.0179



109.3500, 9.1945, -9.0769



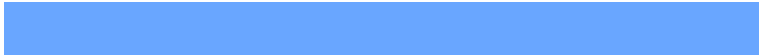
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



157.9070, 47.8668, -46.3994



138.0720, 57.6455, -56.1911



125.9870, 63.6034, -7.0046



119.4170, 4.2314, -3.8737



67.5600, 60.8559, -59.2501



22.5580, 20.4309, -19.7834

Inverse Universe

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



156.8040, 4.5336, 86.1179



136.5550, 5.6424, 103.8763



234.3120, -63.7508, 7.6194



119.4570, 0.2677, 7.4922



66.0010, 5.9155, 109.6241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 157.9070, 47.8668, -46.3994 looks on a white background.

Color Contrast Check

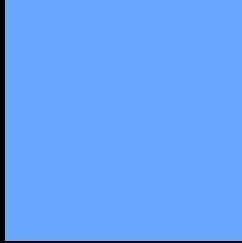
Large Text (above 18pt) WCAG AA × Fail

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 157.9070, 47.8668, -46.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

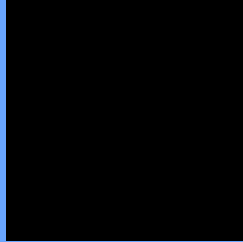
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

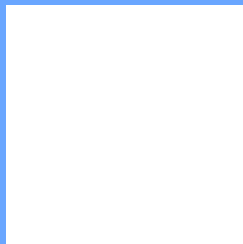
Any Text WCAG AAA ✓ Pass

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

YUV 157.9070, 47.8668, -46.3994 Background



This preview shows how black text looks on a background with the YUV color 157.9070, 47.8668, -46.3994.



This preview shows how white text looks on a background with the YUV color 157.9070, 47.8668, -46.3994.

-46.3994.

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

157.9070, 47.8668, -46.3994

Protanopia

162.5890, 43.5866, -26.8266

Deuteranopia

160.0220, 46.8242, -38.6073



Tritanopia

150.3970, 21.0033, -63.4922

Trichromacy



Original Color

157.9070, 47.8668, -46.3994

Protanomaly

160.8870, 44.9187, -34.1039

Deuteranomaly

159.4130, 47.1244, -41.5812

Tritanomaly

153.0740, 31.0225, -57.0699

Monochromacy



Original Color

157.9070, 47.8668, -46.3994

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0700, 17.2205, -16.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.9070, 47.8668, -46.3994 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(105, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 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(105, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 166, 255) }
```

Border

The CSS property to change the border of an element to YUV 157.9070, 47.8668, -46.3994 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(105, 166, 255) }
```


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

```
.border{ border-color:rgb(105, 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(105, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 166,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 157.9070, 47.8668, -46.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 166, 255) }
```

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

```
.background{ background-color: rgb(105,  
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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