

Converting Colors

YUV(149.4850, 41.1729,
-46.0293)

Have a look what the booklet for
YUV(149.4850, 41.1729, -46.0293)
contains.

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Color

**YUV(149.4850, 41.1729,
-46.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	61A0E9
RGB	97, 160, 233
RGB Percent	38%, 63%, 91%
CMY	0.6196, 0.3725, 0.0863
CMYK	0.58, 0.31, 0.00, 0.09
HSL	212°, 76%, 65%
HSV	212°, 58%, 91%
XYZ	32.2086, 33.5662, 81.8721
YIQ	149.4850, -60.9810, 9.3470

Conversions

Conversions Part 2

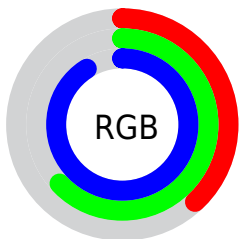
Format	Color
RYB	97, 140, 233
Decimal	6398185
CIELab	64.62, 1.10, -42.87
CIELCh	65, 42.887, 271.474
Yxy	33.5662, 0.2181, 0.2273
Android (android.graphics.Color)	4284588265 (0xFF61A0E9)
YUV	149.4850, 41.1729, -46.0293
Hunter-Lab	57.9363, -2.1551, -43.2296

Details

The YUV color **149.4850, 41.1729, -46.0293** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **180.5150, -41.1729, 46.0293**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6310, 26.3109, -39.1414**, and **91.0380, 42.3793, -59.6693** is the 20% darker color. If you saturate the color by 10%, you get **134.9770, 48.3253, -53.4768**, and if you desaturate by 10%, it is **163.9930, 34.0205, -38.5819**.

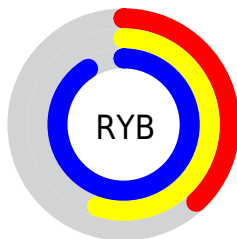
Distribution



Red (38%)

Green (63%)

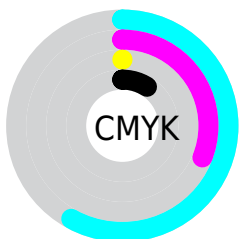
Blue (91%)



Red (38%)

Yellow (55%)

Blue (91%)

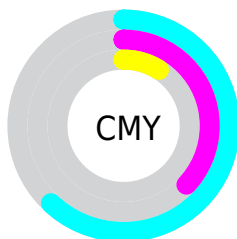


Cyan (58%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (62%)

Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4850, 41.1729, -46.0293 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 149.4850, 41.1729, -46.0293 by changing the saturation by 10% instead.

■ 149.4850, 41.1729,
-46.0293

■ 149.4850, 41.1729,
-46.0293

255.0000, 0.0000,
0.0000

■ 121.4630, 41.1837,
-49.5181

■ 201.6310, 26.3109,
-39.1414

■ 91.0380, 42.3793,
-59.6693

■ 227.3250, 13.6438,
-36.2420

■ 66.9950, 40.9215,
-58.7546

■ 243.3390, 5.7489,
-23.9763

■ 50.5300, 36.2207,
-44.3148

■ 252.3090, 1.3267,
-5.5330

■ 35.2390, 30.9412,
-30.9046

■ 20.7630, 26.2458,
-18.2092

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 149.4850, 41.1729,
-46.0293

■ 149.4850, 41.1729,
-46.0293

■ 134.9770, 48.3253,
-53.4768

■ 163.9930, 34.0205,
-38.5819

■ 120.7570, 55.3358,
-62.0539

■ 178.2130, 27.0100,
-30.0048

■ 106.2490, 62.4882,
-69.5014

■ 192.7210, 19.8575,
-22.5573

■ 92.3280, 69.3513,
-77.4637

■ 206.6420, 12.9945,
-14.5950

■ 89.9580, 70.5197,
-78.8932

■ 221.1500, 5.8421,
-7.1475

■ 235.3700, -1.1684,
1.4295

■ 248.3830, -7.5838,
5.8031

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



125.2120, 48.2095, -109.8109



149.4850, 41.1729, -46.0293



159.4480, 30.8381, 2.2381

Triad

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



149.4850, 41.1729, -46.0293



157.4610, -18.9613, 61.8627



142.3260, -11.4997, -45.0129

Complementary

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



149.4850, 41.1729, -46.0293



180.5150, -41.1729, 46.0293

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.



149.1490, -29.6535, -8.9007



149.4850, 41.1729, -46.0293



156.4040, -32.7372, 47.0037

Square

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



149.4850, 41.1729, -46.0293



159.0320, -1.4948, 59.6079



153.0990, -37.0238, 21.8382



121.7970, 17.3551, -106.8160

Rectangle

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



149.4850, 41.1729, -46.0293



161.2080, 21.5895, 28.7586



153.0990, -37.0238, 21.8382



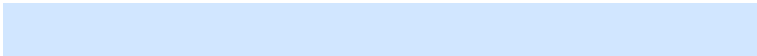
144.8670, -18.6684, -32.3324

Sweetspot

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



149.4850, 41.1729, -46.0293



226.5710, 14.0155, -15.4098



185.1540, -7.4709, -77.3111



109.9370, 8.9051, -9.5917



0.0000, 0.0000, 0.0000



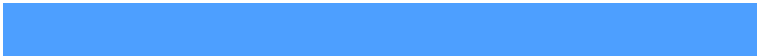
128.0000, 0.0000, 0.0000

Same Dimension

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



149.4850, 41.1729, -46.0293



145.4260, 54.0200, -60.0096



113.9990, 58.6675, -10.5231



110.1890, 3.3578, -3.6738



69.9420, 54.7516, -61.3391



20.8310, 16.3523, -18.2688

Inverse Universe

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



144.8460, 7.4709, 77.3111



139.5700, 9.5790, 101.2321



216.0010, -58.6675, 10.5231



109.8590, 0.5625, 6.2627



63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 149.4850, 41.1729, -46.0293 looks on a white background.

Color Contrast Check

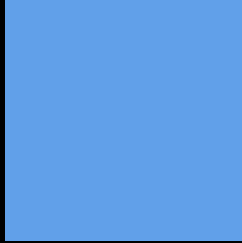
Large Text (above 18pt) WCAG AA × Fail

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 149.4850, 41.1729, -46.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

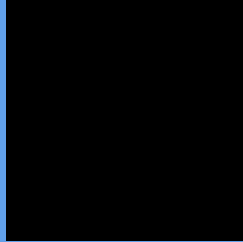
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

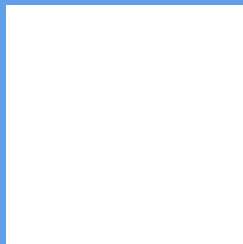
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4850, 41.1729, -46.0293

Background



This preview shows how black text looks on a background with the YUV color 149.4850, 41.1729, -46.0293.



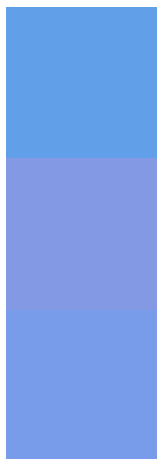
This preview shows how white text looks on a background with the YUV color 149.4850, 41.1729, -46.0293.

-46.0293.

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

149.4850, 41.1729, -46.0293

Protanopia

155.2710, 35.8554, -20.4087

Deuteranopia

153.5410, 39.6663, -29.4155



Tritanopia

143.3760, 19.5346, -59.0888

Trichromacy



Original Color

149.4850, 41.1729, -46.0293

Protanomaly

153.3730, 37.7771, -30.1451

Deuteranomaly

152.3230, 40.2668, -35.3633

Tritanomaly

145.4720, 27.3753, -53.9109

Monochromacy



Original Color

149.4850, 41.1729, -46.0293

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4850, 41.1729, -46.0293 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, 160, 233)` looks like.

```
.text, #text, p{  
    color:rgb(97, 160, 233)  
}
```

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, 160, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 160, 233) }
```

Border

The CSS property to change the border of an element to YUV 149.4850, 41.1729, -46.0293 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, 160, 233) }
```


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

```
.border{ border-color:rgb(97, 160, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 160, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 160, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 160, 233);  
box-shadow:4px 4px 4px 4px rgb(97, 160,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 149.4850, 41.1729, -46.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 160, 233) }
```

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

```
.background{ background-color: rgb(97, 160,  
233) }
```

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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