

Converting Colors

YUV(154.1800, 36.8863,
-71.1949)

Have a look what the booklet for
YUV(154.1800, 36.8863, -71.1949)
contains.

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Color

**YUV(154.1800, 36.8863,
-71.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	49B5E5
RGB	73, 181, 229
RGB Percent	29%, 71%, 90%
CMY	0.7137, 0.2902, 0.1020
CMYK	0.68, 0.21, 0.00, 0.10
HSL	198°, 75%, 59%
HSV	198°, 68%, 90%
XYZ	33.4144, 40.1214, 80.1118
YIQ	154.1800, -79.7760, -7.9680

Conversions

Conversions Part 2

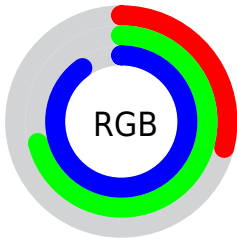
Format	Color
R _Y B	73, 137, 229
Decimal	4830693
CIE Lab	69.56, -15.89, -33.04
CIE LCh	70, 36.666, 244.320
Yxy	40.1214, 0.2175, 0.2611
Android (android.graphics.Color)	4283020773 (0xFF49B5E5)
YUV	154.1800, 36.8863, -71.1949
Hunter-Lab	63.3414, -16.6837, -30.6487

Details

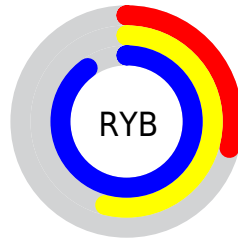
The YUV color **154.1800, 36.8863, -71.1949** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **147.8200, -36.8863, 71.1949**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4510, 22.4557, -62.6625**, and **94.8580, 38.5240, -83.1905** is the 20% darker color. If you saturate the color by 10%, you get **143.1940, 42.3024, -81.7311**, and if you desaturate by 10%, it is **165.1660, 31.4702, -60.6586**.

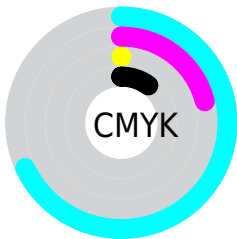
Distribution



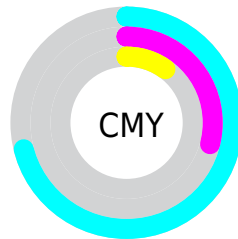
- Red (29%)
- Green (71%)
- Blue (90%)



- Red (29%)
- Yellow (54%)
- Blue (90%)



- Cyan (68%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (71%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1800, 36.8863, -71.1949 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 154.1800, 36.8863, -71.1949 by changing the saturation by 10% instead.

■ 154.1800, 36.8863,
-71.1949

■ 154.1800, 36.8863,
-71.1949

255.0000, 0.0000,
0.0000

■ 121.9830, 38.9554,
-81.5461

■ 209.4510, 22.4557,
-62.6625

■ 94.8580, 38.5240,
-83.1905

■ 228.9870, 12.8244,
-53.4856

■ 77.2190, 34.4020,
-67.7211

■ 238.2560, 8.2548,
-34.4275

■ 60.1670, 29.9907,
-52.7665

■ 247.2260, 3.8326,
-15.9842

■ 43.8160, 25.7267,
-38.4266

■ 28.7530, 21.3208,
-25.2164

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 154.1800, 36.8863,
-71.1949

■ 154.1800, 36.8863,
-71.1949

■ 143.1940, 42.3024,
-81.7311

■ 165.1660, 31.4702,
-60.6586

■ 132.2080, 47.7185,
-92.2674

■ 176.1520, 26.0541,
-50.1223

■ 121.2220, 53.1346,
-102.8037

■ 187.1380, 20.6380,
-39.5860

■ 119.4390, 54.0136,
-104.7480

■ 198.1240, 15.2219,
-29.0497

■ 208.8110, 9.9532,
-19.1282

■ 219.7970, 4.5371,
-8.5920

■ 230.7830, -0.8790,
1.9443

■ 241.4700, -6.1477,
11.8658

■ 245.5790, -8.1734,
8.2622

Harmonies

Analogous

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



142.8320, 31.1418, -95.4457



154.1800, 36.8863, -71.1949



166.7380, 34.1462, -32.2192

Triad

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



154.1800, 36.8863, -71.1949



173.1190, -3.5097, 52.5156



163.5170, -24.4119, -10.1004

Complementary

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



154.1800, 36.8863, -71.1949



147.8200, -36.8863, 71.1949

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.



166.8580, -31.4820, 17.6645



154.1800, 36.8863, -71.1949



171.5200, -18.4974, 53.0410

Square

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



154.1800, 36.8863, -71.1949



174.7330, 11.9636, 36.1912



169.9840, -29.0791, 40.3560



158.0430, -8.8952, -40.3797

Rectangle

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



154.1800, 36.8863, -71.1949



171.8230, 28.6813, -5.9838



169.9840, -29.0791, 40.3560



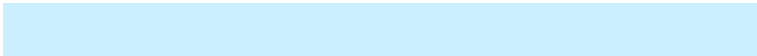
164.6600, -27.9334, -0.5788

Sweetspot

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



154.1800, 36.8863, -71.1949



230.3590, 12.1480, -23.1168



169.9300, -24.6155, -85.0076



112.8610, 7.4635, -13.9101



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.



154.1800, 36.8863, -71.1949



154.9410, 49.3291, -95.5413



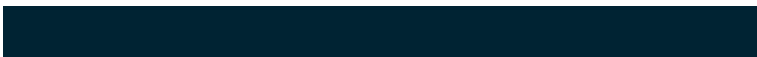
108.9810, 59.1694, -31.5553



109.0640, 2.9264, -5.3181



93.1940, 42.3024, -81.7311



26.3590, 12.1480, -23.1168

Inverse Universe

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



131.9560, 24.1787, 85.1076



125.0210, 32.5276, 113.9916



193.0190, -59.1694, 31.5553



107.5000, 1.7255, 6.5775



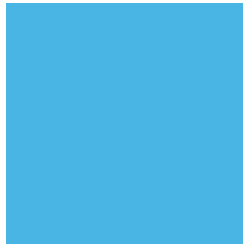
67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 154.1800, 36.8863, -71.1949 looks on a white background.

Color Contrast Check

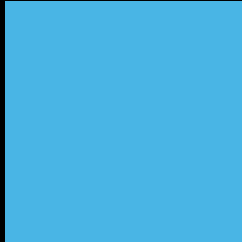
Large Text (above 18pt) WCAG AA × Fail

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 154.1800, 36.8863, -71.1949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

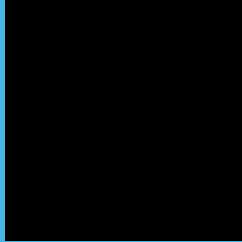
Any Text WCAG AA ✓ Pass

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 154.1800, 36.8863, -71.1949 Background



This preview shows how black text looks on a background with the YUV color 154.1800, 36.8863, -71.1949.



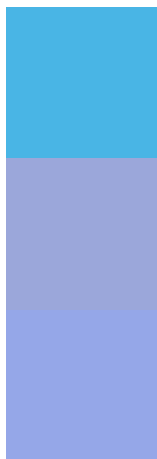
This preview shows how white text looks on a background with the YUV color 154.1800, 36.8863, -71.1949.

-71.1949.

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

154.1800, 36.8863, -71.1949

Protanopia

169.2260, 24.0456, -12.4762

Deuteranopia

169.0280, 31.0452, -17.5646



Tritanopia

148.8400, 25.7149, -81.4207

Trichromacy



Original Color

154.1800, 36.8863, -71.1949

Protanomaly

163.6470, 28.7680, -33.8934

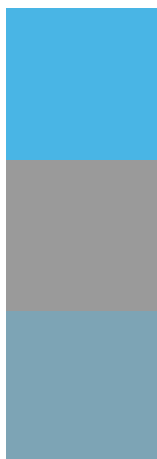
Deuteranomaly

163.4770, 33.2888, -37.2523

Tritanomaly

150.6000, 29.7772, -77.7022

Monochromacy



Original Color

154.1800, 36.8863, -71.1949

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2770, 13.1744, -25.6759

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1800, 36.8863, -71.1949 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(73, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(73, 181, 229)  
}
```

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(73, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 181, 229) }
```

Border

The CSS property to change the border of an element to YUV 154.1800, 36.8863, -71.1949 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(73, 181, 229) }
```


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

```
.border{ border-color:rgb(73, 181, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 181, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 181, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 181, 229);  
box-shadow:4px 4px 4px 4px rgb(73, 181,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 154.1800, 36.8863, -71.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 181, 229) }
```

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

```
.background{ background-color: rgb(73, 181,  
229) }
```

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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