

Converting Colors

YUV(154.1100, 49.7388,
-86.9195)

Have a look what the booklet for
YUV(154.1100, 49.7388, -86.9195)
contains.

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Color

**YUV(154.1100, 49.7388,
-86.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	37B9FF
RGB	55, 185, 255
RGB Percent	22%, 73%, 100%
CMY	0.7843, 0.2745, 0.0000
CMYK	0.78, 0.27, 0.00, 0.00
HSL	201°, 100%, 61%
HSV	201°, 78%, 100%
XYZ	36.9745, 42.7301, 100.9067
YIQ	154.1100, -99.9500, -5.7900

Conversions

Conversions Part 2

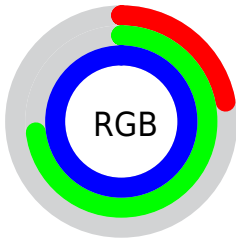
Format	Color
RYB	55, 134, 255
Decimal	3652095
CIELab	71.37, -11.60, -44.35
CIELCh	71, 45.844, 255.340
Yxy	42.7301, 0.2047, 0.2366
Android (android.graphics.Color)	4281842175 (0xFF37B9FF)
YUV	154.1100, 49.7388, -86.9195
Hunter-Lab	65.3683, -13.4289, -45.7661

Details

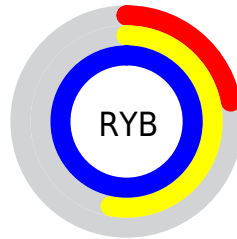
The YUV color **154.1100, 49.7388, -86.9195** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **155.8900, -49.7388, 86.9195**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4070, 22.4773, -69.6399**, and **100.0560, 48.2864, -87.7491** is the 20% darker color. If you saturate the color by 10%, you get **141.0530, 56.1759, -98.2705**, and if you desaturate by 10%, it is **167.1670, 43.3017, -75.5685**.

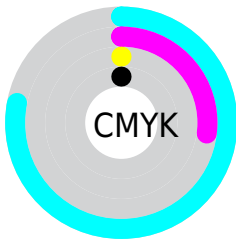
Distribution



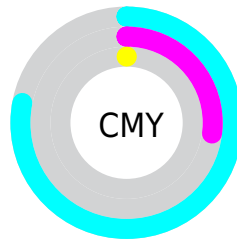
- Red (22%)
- Green (73%)
- Blue (100%)



- Red (22%)
- Yellow (53%)
- Blue (100%)



- Cyan (78%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1100, 49.7388, -86.9195 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 154.1100, 49.7388, -86.9195 by changing the saturation by 10% instead.

■ 154.1100, 49.7388,
-86.9195

■ 154.1100, 49.7388,
-86.9195

255.0000, 0.0000,
0.0000

■ 118.5100, 52.9926,
-103.9333

■ 209.4070, 22.4773,
-69.6399

■ 100.0560, 48.2864,
-87.7491

■ 227.4920, 13.5614,
-56.5595

■ 82.1890, 43.2908,
-72.0798

■ 236.7610, 8.9918,
-37.5014

■ 65.1370, 38.8795,
-57.1251

■ 246.3290, 4.2748,
-17.8285

■ 48.6720, 34.1787,
-42.6853

■ 33.3810, 28.8992,
-29.2751

■ 17.2580, 25.5088,

-15.1353

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 154.1100, 49.7388,
-86.9195

■ 154.1100, 49.7388,
-86.9195

■ 141.0530, 56.1759,
-98.2705

■ 167.1670, 43.3017,
-75.5685

■ 128.2950, 62.4656,
-109.0067

■ 179.9250, 37.0120,
-64.8322

■ 126.5120, 63.3446,
-110.9510

■ 192.9820, 30.5749,
-53.4812

■ 205.7400, 24.2852,
-42.7450

■ 218.4980, 17.9955,
-32.0087

■ 231.5550, 11.5584,
-20.6577

■ 244.0250, 5.4107,
-8.7919

■ 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.



139.8530, 45.9215, -122.6511



154.1100, 49.7388, -86.9195



173.6880, 40.0868, -24.2824

Triad

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



154.1100, 49.7388, -86.9195



176.6820, -10.6892, 68.6849



163.7060, -24.5051, -26.9292

Complementary

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



154.1100, 49.7388, -86.9195



155.8900, -49.7388, 86.9195

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.



169.3810, -38.1488, 9.3129



154.1100, 49.7388, -86.9195



175.2300, -28.7074, 61.1883

Square

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



154.1100, 49.7388, -86.9195



178.7570, 8.9938, 55.4641



172.6390, -39.2620, 39.7816



153.3210, -0.6513, -71.3185

Rectangle

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



154.1100, 49.7388, -86.9195



178.7200, 31.6900, 9.0156



172.6390, -39.2620, 39.7816



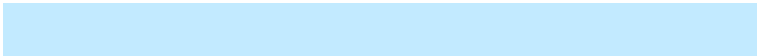
165.7030, -29.9266, -14.6485

Sweetspot

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



154.1100, 49.7388, -86.9195



224.4340, 15.0690, -26.6906



180.3800, -27.3023, -109.9583



109.3060, 9.2161, -16.0544



0.0000, 0.0000, 0.0000



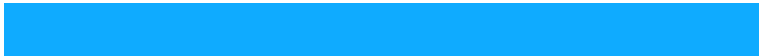
128.0000, 0.0000, 0.0000

Same Dimension

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



154.1100, 49.7388, -86.9195



133.9320, 59.6865, -104.3034



95.4100, 78.6779, -35.4396



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Inverse Universe

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



129.6200, 27.3023, 109.9583



104.5440, 32.7628, 131.9499



214.5900, -78.6779, 35.4396



119.7990, 1.5781, 7.1923



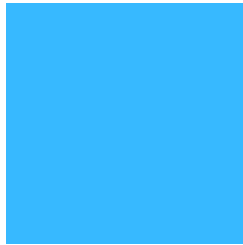
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 154.1100, 49.7388, -86.9195 looks on a white background.

Color Contrast Check

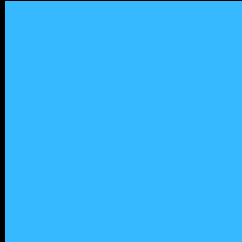
Large Text (above 18pt) WCAG AA × Fail

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 154.1100, 49.7388, -86.9195 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

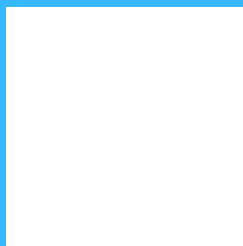
Any Text WCAG AAA ✓ Pass

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

YUV 154.1100, 49.7388, -86.9195 Background



This preview shows how black text looks on a background with the YUV color 154.1100, 49.7388, -86.9195.



This preview shows how white text looks on a background with the YUV color 154.1100, 49.7388, -86.9195.

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

154.1100, 49.7388, -86.9195

Protanopia

173.3420, 34.8344, -19.5939

Deuteranopia

171.8830, 40.9767, -29.7154



Tritanopia

137.0030, 35.0015, -120.1516

Trichromacy



Original Color

154.1100, 49.7388, -86.9195

Protanomaly

166.2680, 40.2939, -44.0850

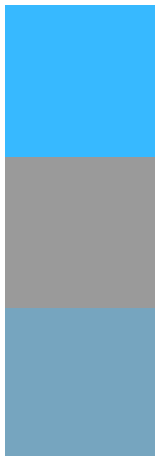
Deuteranomaly

165.2610, 44.2413, -50.2179

Tritanomaly

143.1600, 40.3471, -108.0113

Monochromacy



Original Color

154.1100, 49.7388, -86.9195

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9110, 18.2849, -31.4939

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1100, 49.7388, -86.9195 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(55, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(55, 185, 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(55, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 185, 255) }
```

Border

The CSS property to change the border of an element to YUV 154.1100, 49.7388, -86.9195 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(55, 185, 255) }
```


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

```
.border{ border-color:rgb(55, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(55, 185,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 154.1100, 49.7388, -86.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 185, 255) }
```

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

```
.background{ background-color: rgb(55, 185,  
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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