

Converting Colors

YUV(154.9440, 41.4396,
-85.0199)

Have a look what the booklet for
YUV(154.9440, 41.4396, -85.0199)
contains.

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Color

**YUV(154.9440, 41.4396,
-85.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	3ABCEF
RGB	58, 188, 239
RGB Percent	23%, 74%, 94%
CMY	0.7725, 0.2627, 0.0627
CMYK	0.76, 0.21, 0.00, 0.06
HSL	197°, 85%, 58%
HSV	197°, 76%, 94%
XYZ	35.3081, 43.0980, 88.1192
YIQ	154.9440, -93.8510, -11.6990

Conversions

Conversions Part 2

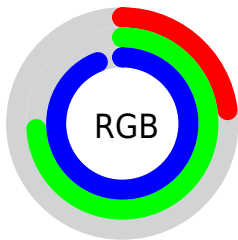
Format	Color
R _Y B	58, 134, 239
Decimal	3849455
CIE Lab	71.62, -18.25, -35.31
CIE LCh	72, 39.745, 242.670
Yxy	43.0980, 0.2120, 0.2588
Android (android.graphics.Color)	4282039535 (0xFF3ABCEF)
YUV	154.9440, 41.4396, -85.0199
Hunter-Lab	65.6490, -18.8829, -33.6292

Details

The YUV color **154.9440, 41.4396, -85.0199** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **142.0560, -41.4396, 85.0199**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1680, 21.6092, -71.1843**, and **100.1070, 40.8662, -87.7938** is the 20% darker color. If you saturate the color by 10%, you get **143.6590, 47.0031, -96.1709**, and if you desaturate by 10%, it is **166.2290, 35.8761, -73.8688**.

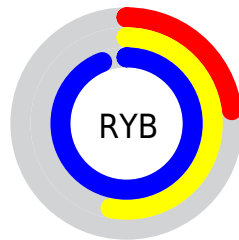
Distribution



Red (23%)

Green (74%)

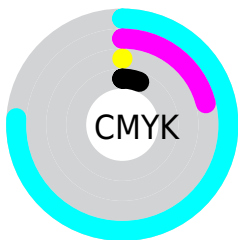
Blue (94%)



Red (23%)

Yellow (53%)

Blue (94%)

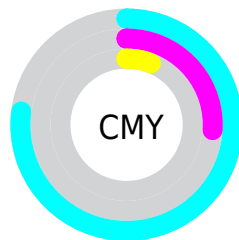


Cyan (76%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (77%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9440, 41.4396, -85.0199 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 154.9440, 41.4396, -85.0199 by changing the saturation by 10% instead.

■ 154.9440, 41.4396,
-85.0199

■ 154.9440, 41.4396,
-85.0199

255.0000, 0.0000,
0.0000

■ 118.5610, 45.5724,
-103.9780

■ 211.1680, 21.6092,
-71.1843

■ 100.1070, 40.8662,
-87.7938

■ 226.8940, 13.8563,
-57.7890

■ 81.7670, 36.5969,
-71.7097

■ 236.1630, 9.2866,
-38.7310

■ 64.7150, 32.1855,
-56.7551

■ 245.7310, 4.5696,
-19.0581

■ 48.2500, 27.4847,
-42.3152

■ 32.6000, 23.3682,
-28.5902

■ 15.3030, 20.5566,

-13.4207

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 154.9440, 41.4396,
-85.0199

■ 154.9440, 41.4396,
-85.0199

■ 143.6590, 47.0031,
-96.1709

■ 166.2290, 35.8761,
-73.8688

■ 132.9610, 52.2772,
-107.8368

■ 176.9270, 30.6020,
-62.2030

■ 128.2100, 54.6195,
-112.4402

■ 188.2120, 25.0385,
-51.0519

■ 199.4970, 19.4750,
-39.9009

■ 210.4830, 14.0589,
-29.3646

■ 221.1810, 8.7848,
-17.6987

■ 232.4660, 3.2213,
-6.5477

■ 243.7510, -2.3422,
4.6034

■ 249.6540, -5.2524,
4.6884

Harmonies

Analogous

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



138.1600, 36.8961, -121.1663



154.9440, 41.4396, -85.0199



170.6170, 37.6568, -38.2521

Triad

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



154.9440, 41.4396, -85.0199



179.0810, -2.5049, 56.9340



168.7190, -27.4695, -9.4006

Complementary

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



154.9440, 41.4396, -85.0199



142.0560, -41.4396, 85.0199

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.



172.3700, -34.6924, 20.7235



154.9440, 41.4396, -85.0199



177.3250, -19.3872, 58.4740

Square

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



154.9440, 41.4396, -85.0199



180.6130, 13.9948, 38.0504



175.4360, -31.2739, 44.3446



162.8640, -10.7790, -42.8537

Rectangle

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



154.9440, 41.4396, -85.0199



176.7240, 32.1811, -8.5279



175.4360, -31.2739, 44.3446



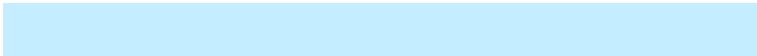
170.1610, -31.1384, 0.7358

Sweetspot

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



154.9440, 41.4396, -85.0199



227.3800, 13.6167, -27.5203



169.7190, -31.4135, -97.9776



110.7790, 8.4900, -16.4692



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.



154.9440, 41.4396, -85.0199



147.4770, 53.0088, -109.1663



103.2880, 66.9060, -39.7176



114.0640, 2.9264, -5.3181



98.4600, 42.1712, -86.3494



29.8640, 12.8850, -26.1907

Inverse Universe

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



126.9390, 30.1031, 98.2775



111.4060, 38.7468, 125.9319



193.7120, -66.9060, 39.7176



112.5000, 1.7255, 6.5775



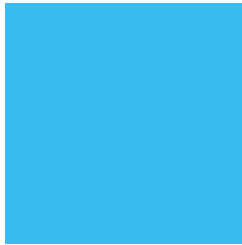
70.0640, 30.5344, 99.9219



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 154.9440, 41.4396, -85.0199 looks on a white background.

Color Contrast Check

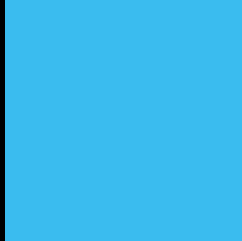
Large Text (above 18pt) WCAG AA × Fail

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 154.9440, 41.4396, -85.0199 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 154.9440, 41.4396, -85.0199

Background



This preview shows how black text looks on a background with the YUV color 154.9440, 41.4396, -85.0199.

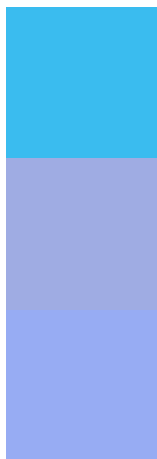


This preview shows how white text looks on a background with the YUV color 154.9440, 41.4396, -85.0199.

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

154.9440, 41.4396, -85.0199

Protanopia

174.3830, 25.9402, -13.4909

Deuteranopia

173.8150, 34.1082, -20.0088



Tritanopia

144.5920, 31.7531, -104.8822

Trichromacy



Original Color

154.9440, 41.4396, -85.0199

Protanomaly

167.2980, 31.4051, -39.7263

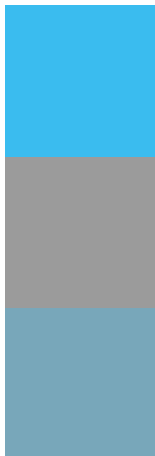
Deuteranomaly

167.0570, 36.9469, -43.9000

Tritanomaly

148.2600, 35.3678, -97.5750

Monochromacy



Original Color

154.9440, 41.4396, -85.0199

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1130, 15.2273, -30.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9440, 41.4396, -85.0199 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(58, 188, 239)` looks like.

```
.text, #text, p{  
    color:rgb(58, 188, 239)  
}
```

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(58, 188, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 188, 239) }
```

Border

The CSS property to change the border of an element to YUV 154.9440, 41.4396, -85.0199 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(58, 188, 239) }
```


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

```
.border{ border-color:rgb(58, 188, 239) }
```

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

Here you see how a box with a 4 pixel rgb(58, 188, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 188, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 188, 239);  
box-shadow:4px 4px 4px 4px rgb(58, 188,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 154.9440, 41.4396, -85.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 188, 239) }
```

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

```
.background{ background-color: rgb(58, 188,  
239) }
```

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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