

Converting Colors

YUV(116.9730, 54.2433,
-85.0453)

Have a look what the booklet for
YUV(116.9730, 54.2433, -85.0453)
contains.

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Color

**YUV(116.9730, 54.2433,
-85.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	1491E3
RGB	20, 145, 227
RGB Percent	8%, 57%, 89%
CMY	0.9216, 0.4314, 0.1098
CMYK	0.91, 0.36, 0.00, 0.11
HSL	204°, 84%, 48%
HSV	204°, 91%, 89%
XYZ	24.2790, 25.9456, 76.4014
YIQ	116.9730, -100.8220, -0.9980

Conversions

Conversions Part 2

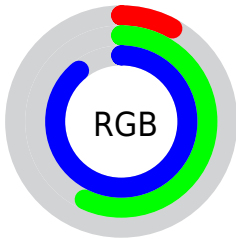
Format	Color
R _Y B	20, 98, 227
Decimal	1348067
CIE Lab	57.99, -1.65, -50.16
CIE LCh	58, 50.189, 268.113
Yxy	25.9456, 0.1917, 0.2049
Android (android.graphics.Color)	4279538147 (0xFF1491E3)
YUV	116.9730, 54.2433, -85.0453
Hunter-Lab	50.9368, -4.0574, -53.2748

Details

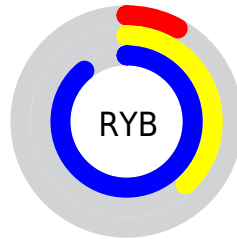
The YUV color **116.9730, 54.2433, -85.0453** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **130.0270, -54.2433, 85.0453**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8870, 38.0167, -60.4139**, and **75.2590, 47.2003, -66.0021** is the 20% darker color. If you saturate the color by 10%, you get **106.2970, 59.5066, -93.2225**, and if you desaturate by 10%, it is **129.1330, 48.2484, -75.5386**.

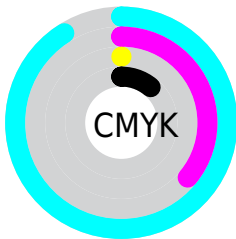
Distribution



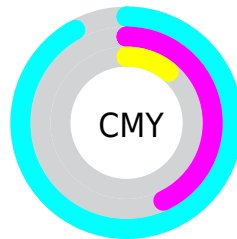
- Red (8%)
- Green (57%)
- Blue (89%)



- Red (8%)
- Yellow (38%)
- Blue (89%)



- Cyan (91%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9730, 54.2433, -85.0453 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 116.9730, 54.2433, -85.0453 by changing the saturation by 10% instead.

■ 116.9730, 54.2433,
-85.0453

■ 116.9730, 54.2433,
-85.0453

■ 255.0000, 0.0000,
0.0000

■ 93.1260, 52.1959,
-81.6715

■ 177.8870, 38.0167,
-60.4139

■ 75.2590, 47.2003,
-66.0021

■ 203.8910, 25.1967,
-55.1554

■ 58.6800, 42.0628,
-51.4624

■ 230.4820, 12.0874,
-50.4117

■ 42.8020, 37.0726,
-37.5374

■ 239.7510, 7.5178,
-31.3536

■ 28.2120, 31.9405,
-24.7419

■ 249.0200, 2.9481,
-12.2955

■ 12.5620, 27.8239,
-11.0169

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 116.9730, 54.2433,
-85.0453

■ 116.9730, 54.2433,
-85.0453

■ 106.2970, 59.5066,
-93.2225

■ 129.1330, 48.2484,
-75.5386

■ 140.9940, 42.4010,
-66.6467

■ 153.1540, 36.4061,
-57.1401

■ 165.3140, 30.4112,
-47.6334

■ 177.4740, 24.4163,
-38.1267

■ 189.3350, 18.5688,
-29.2348

■ 201.4950, 12.5740,
-19.7281

■ 213.6550, 6.5791,
-10.2214

■ 225.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



115.8540, 47.8930, -101.6040



116.9730, 54.2433, -85.0453



141.1250, 37.4064, -4.4946

Triad

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



116.9730, 54.2433, -85.0453



138.5160, -18.9884, 70.5845



121.6690, -15.1198, -50.5757

Complementary

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



116.9730, 54.2433, -85.0453



130.0270, -54.2433, 85.0453

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.



130.4390, -36.2054, -7.4010



116.9730, 54.2433, -85.0453



137.6500, -35.8165, 54.6809

Square

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



116.9730, 54.2433, -85.0453



139.9990, 1.9725, 67.5299



134.7100, -43.7340, 27.4413



109.8970, 12.3758, -96.3797

Rectangle

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



116.9730, 54.2433, -85.0453



143.8750, 26.6836, 28.1736



134.7100, -43.7340, 27.4413



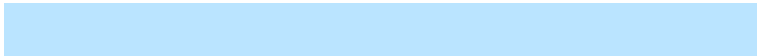
125.8900, -23.6098, -34.1065

Sweetspot

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



116.9730, 54.2433, -85.0453



218.5200, 17.9846, -28.5200



150.5150, -25.3969, -114.4617



105.7620, 10.9633, -16.4543



0.0000, 0.0000, 0.0000



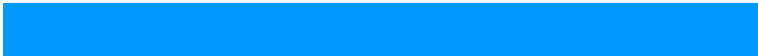
128.0000, 0.0000, 0.0000

Same Dimension

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



116.9730, 54.2433, -85.0453



119.4680, 66.8173, -104.7734



57.6860, 83.4718, -33.0506



108.4770, 3.2158, -4.8033



83.8020, 46.9326, -73.4944



24.0110, 13.3056, -21.0576

Inverse Universe

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



96.1430, 24.0865, 114.7616



93.8010, 29.6781, 141.3715



189.3140, -83.4718, 33.0506



107.3860, 1.2887, 6.6775



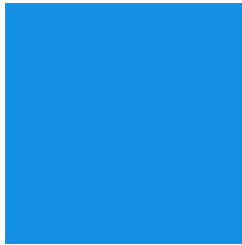
65.8330, 20.7883, 99.2475



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 116.9730, 54.2433, -85.0453 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9730, 54.2433, -85.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

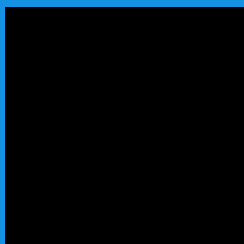
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

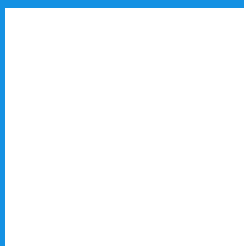
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.9730, 54.2433, -85.0453

Background



This preview shows how black text looks on a background with the YUV color 116.9730, 54.2433, -85.0453.



This preview shows how white text looks on a background with the YUV color 116.9730, 54.2433, -85.0453.

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

116.9730, 54.2433, -85.0453

Protanopia

136.7910, 40.5290, -26.1267

Deuteranopia

131.5050, 47.5720, -45.1699



Tritanopia

109.2080, 27.5055, -95.7754

Trichromacy



Original Color

116.9730, 54.2433, -85.0453

Protanomaly

129.3260, 45.6883, -47.6439

Deuteranomaly

126.1010, 50.2362, -59.7246

Tritanomaly

112.1620, 37.3881, -92.2271

Monochromacy



Original Color

116.9730, 54.2433, -85.0453

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9650, 19.7373, -30.6643

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9730, 54.2433, -85.0453 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(20, 145, 227)` looks like.

```
.text, #text, p{  
    color:rgb(20, 145, 227)  
}
```

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(20, 145, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 145, 227) }
```

Border

The CSS property to change the border of an element to YUV 116.9730, 54.2433, -85.0453 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(20, 145, 227) }
```


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

```
.border{ border-color:rgb(20, 145, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 145, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 145, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 145, 227);  
box-shadow:4px 4px 4px 4px rgb(20, 145,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 116.9730, 54.2433, -85.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 145, 227) }
```

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

```
.background{ background-color: rgb(20, 145,  
227) }
```

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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