

Converting Colors

YUV(140.9730, 44.3833,
-49.0883)

Have a look what the booklet for
YUV(140.9730, 44.3833, -49.0883)
contains.

YUV(140.9730, 44.3833, -49.0883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(140.9730, 44.3833,
-49.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	5598E7
RGB	85, 152, 231
RGB Percent	33%, 60%, 91%
CMY	0.6667, 0.4039, 0.0941
CMYK	0.63, 0.34, 0.00, 0.09
HSL	212°, 75%, 62%
HSV	212°, 63%, 91%
XYZ	29.3984, 30.1573, 79.8728
YIQ	140.9730, -65.2910, 10.3650

Conversions

Conversions Part 2

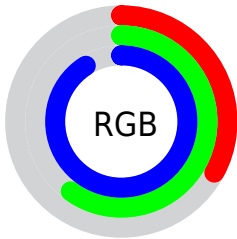
Format	Color
R _Y B	85, 131, 231
Decimal	5609703
CIE Lab	61.79, 2.84, -46.25
CIE LCh	62, 46.342, 273.515
Yxy	30.1573, 0.2108, 0.2163
Android (android.graphics.Color)	4283799783 (0xFF5598E7)
YUV	140.9730, 44.3833, -49.0883
Hunter-Lab	54.9157, -0.5448, -47.7942

Details

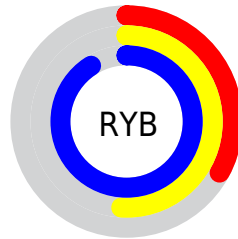
The YUV color **140.9730, 44.3833, -49.0883** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **175.0270, -44.3833, 49.0883**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6460, 30.2475, -41.7855**, and **79.8240, 46.9218, -70.0056** is the 20% darker color. If you saturate the color by 10%, you get **127.0520, 51.2464, -57.0506**, and if you desaturate by 10%, it is **154.8940, 37.5203, -41.1260**.

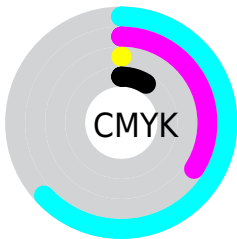
Distribution



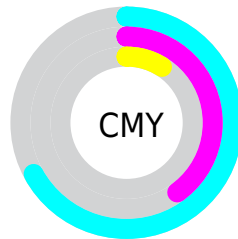
- Red (33%)
- Green (60%)
- Blue (91%)



- Red (33%)
- Yellow (51%)
- Blue (91%)



- Cyan (63%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9730, 44.3833, -49.0883 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 140.9730, 44.3833, -49.0883 by changing the saturation by 10% instead.

■ 140.9730, 44.3833,
-49.0883

■ 140.9730, 44.3833,
-49.0883

255.0000, 0.0000,
0.0000

■ 112.0540, 44.8364,
-54.4214

■ 193.6460, 30.2475,
-41.7855

■ 79.8240, 46.9218,
-70.0056

■ 219.0520, 17.7224,
-37.7566

■ 62.6580, 42.0736,
-54.9511

■ 240.3490, 7.2229,
-30.1241

■ 46.7800, 37.0835,
-41.0261

■ 249.3190, 2.8007,
-11.6808

■ 31.4890, 31.8039,
-27.6159

■ 15.2520, 27.9768,
-13.3760

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 140.9730, 44.3833,
-49.0883

■ 140.9730, 44.3833,
-49.0883

■ 127.0520, 51.2464,
-57.0506

■ 154.8940, 37.5203,
-41.1260

■ 112.5440, 58.3988,
-64.4981

■ 169.4020, 30.3678,
-33.6786

■ 98.6230, 65.2619,
-72.4604

■ 183.3230, 23.5048,
-25.7163

■ 88.5560, 70.2249,
-77.6636

■ 197.8310, 16.3523,
-18.2688

■ 212.0510, 9.3419,
-9.6917

■ 226.5590, 2.1894,
-2.2442

■ 240.4800, -4.6736,
5.7180

■ 250.5030, -9.6150,
3.9439

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



120.9890, 49.7984, -106.1074



140.9730, 44.3833, -49.0883



152.8120, 32.1377, 5.4269

Triad

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



140.9730, 44.3833, -49.0883



149.2010, -21.2981, 64.7217



131.9120, -10.3096, -53.4198

Complementary

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



140.9730, 44.3833, -49.0883



175.0270, -44.3833, 49.0883

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.



140.4860, -30.8056, -12.7042



140.9730, 44.3833, -49.0883



147.7200, -35.3580, 47.6036

Square

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



140.9730, 44.3833, -49.0883



150.8370, -2.3846, 65.0410



145.2900, -40.0760, 20.7937



117.2320, 17.6336, -102.8125

Rectangle

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



140.9730, 44.3833, -49.0883



153.7570, 22.3048, 32.6621



145.2900, -40.0760, 20.7937



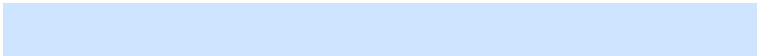
135.6490, -18.0680, -38.2802

Sweetspot

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



140.9730, 44.3833, -49.0883



225.3860, 14.5997, -16.1245



179.5940, -8.1808, -82.9589



109.6380, 9.0525, -10.2065



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.



140.9730, 44.3833, -49.0883



135.3590, 58.9830, -65.2128



103.1390, 63.0355, -11.5229



107.8900, 3.5052, -4.2885



68.5400, 54.4568, -60.1096



19.3150, 15.6207, -16.9393

Inverse Universe

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



136.2920, 7.7440, 83.0589



129.1520, 10.2781, 110.3687



212.8610, -63.0355, 11.5229



107.2720, 0.8519, 6.7775



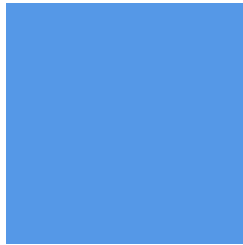
62.8690, 9.4316, 101.8469



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 140.9730, 44.3833, -49.0883 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 140.9730, 44.3833, -49.0883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

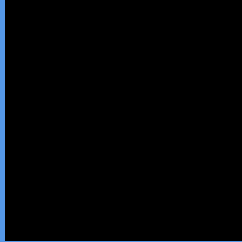
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

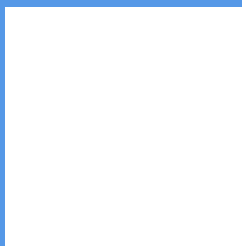
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.9730, 44.3833, -49.0883

Background



This preview shows how black text looks on a background with the YUV color 140.9730, 44.3833, -49.0883.

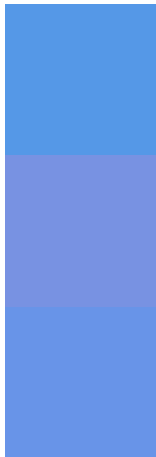


This preview shows how white text looks on a background with the YUV color 140.9730, 44.3833, -49.0883.

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

140.9730, 44.3833, -49.0883

Protanopia

147.3460, 38.7764, -23.9824

Deuteranopia

144.4200, 43.1769, -35.4483



Tritanopia

132.7880, 21.3035, -66.4661

Trichromacy



Original Color

140.9730, 44.3833, -49.0883

Protanomaly

144.8610, 40.9875, -33.2041

Deuteranomaly

142.9140, 43.9194, -40.2666

Tritanomaly

135.7100, 29.7230, -60.2587

Monochromacy



Original Color

140.9730, 44.3833, -49.0883

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1300, 16.2049, -17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9730, 44.3833, -49.0883 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(85, 152, 231)` looks like.

```
.text, #text, p{  
    color:rgb(85, 152, 231)  
}
```

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(85, 152, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 152, 231) }
```

Border

The CSS property to change the border of an element to YUV 140.9730, 44.3833, -49.0883 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(85, 152, 231) }
```


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

```
.border{ border-color:rgb(85, 152, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 152, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 152, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 152, 231);  
box-shadow:4px 4px 4px 4px rgb(85, 152,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 140.9730, 44.3833, -49.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 152, 231) }
```

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

```
.background{ background-color: rgb(85, 152,  
231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor