

Converting Colors

YUV(149.3330, 31.3878,
-80.9760)

Have a look what the booklet for
YUV(149.3330, 31.3878, -80.9760)
contains.

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Color

**YUV(149.3330, 31.3878,
-80.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	39B8D5
RGB	57, 184, 213
RGB Percent	22%, 72%, 84%
CMY	0.7765, 0.2784, 0.1647
CMYK	0.73, 0.14, 0.00, 0.16
HSL	191°, 65%, 53%
HSV	191°, 73%, 84%
XYZ	30.8381, 39.9549, 69.0375
YIQ	149.3330, -85.0010, -17.9050

Conversions

Conversions Part 2

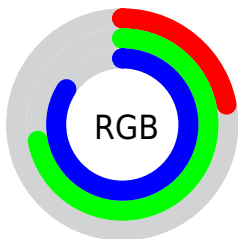
Format	Color
RYB	57, 127, 213
Decimal	3782869
CIELab	69.44, -24.69, -24.51
CIElCh	69, 34.793, 224.793
Yxy	39.9549, 0.2205, 0.2857
Android (android.graphics.Color)	4281972949 (0xFF39B8D5)
YUV	149.3330, 31.3878, -80.9760
Hunter-Lab	63.2099, -23.5330, -20.5093

Details

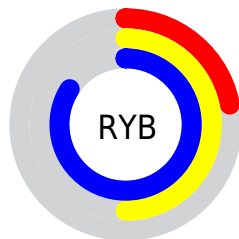
The YUV color **149.3330, 31.3878, -80.9760** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **120.6670, -31.3878, 80.9760**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3250, 23.5038, -72.1990**, and **94.9090, 31.1039, -83.2352** is the 20% darker color. If you saturate the color by 10%, you get **140.7060, 35.6409, -91.8272**, and if you desaturate by 10%, it is **157.9600, 27.1347, -70.1249**.

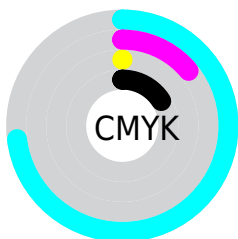
Distribution



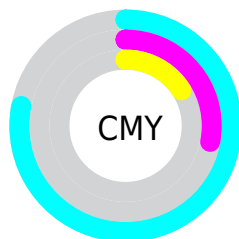
- Red (22%)
- Green (72%)
- Blue (84%)



- Red (22%)
- Yellow (50%)
- Blue (84%)



- Cyan (73%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3330, 31.3878, -80.9760 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 149.3330, 31.3878, -80.9760 by changing the saturation by 10% instead.

■ 149.3330, 31.3878,
-80.9760

■ 149.3330, 31.3878,
-80.9760

■ 255.0000, 0.0000,
0.0000

■ 113.2490, 35.3732,
-99.3194

■ 207.3250, 23.5038,
-72.1990

■ 94.9090, 31.1039,
-83.2352

■ 225.3990, 14.5933,
-60.8629

■ 76.6830, 27.2713,
-67.2510

■ 234.6680, 10.0237,
-41.8048

■ 59.7450, 23.2967,
-52.3964

■ 243.6380, 5.6015,
-23.3615

■ 42.8070, 19.3221,
-37.5417

■ 252.9070, 1.0318,
-4.3034

■ 27.8580, 15.3530,
-24.4315

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 149.3330, 31.3878,
-80.9760

■ 149.3330, 31.3878,
-80.9760

■ 140.7060, 35.6409,
-91.8272

■ 157.9600, 27.1347,
-70.1249

■ 131.7800, 40.0415,
-103.2931

■ 166.8860, 22.7342,
-58.6590

■ 125.8330, 42.9733,
-110.3555

■ 175.5130, 18.4811,
-47.8079

■ 184.1400, 14.2280,
-36.9568

■ 192.7670, 9.9749,
-26.1057

■ 201.6930, 5.5744,
-14.6398

■ 210.3200, 1.3212,
-3.7886

■ 218.9470, -2.9319,
7.0625

■ 227.8730, -7.3324,
18.5284

Harmonies

Analogous

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



149.9950, 17.2575, -75.4176



149.3330, 31.3878, -80.9760



159.7200, 34.6480, -53.2514

Triad

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



149.3330, 31.3878, -80.9760



173.6860, 6.5638, 41.4944



166.1880, -28.6867, 7.7281

Complementary

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



149.3330, 31.3878, -80.9760



120.6670, -31.3878, 80.9760

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.



168.8150, -29.4888, 31.7342



149.3330, 31.3878, -80.9760



172.7400, -8.7458, 51.9710

Square

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



149.3330, 31.3878, -80.9760



173.7890, 20.3170, 16.8480



170.9770, -21.6807, 47.3782



162.2430, -18.8538, -19.5071

Rectangle

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



149.3330, 31.3878, -80.9760



166.8910, 32.0987, -28.8454



170.9770, -21.6807, 47.3782



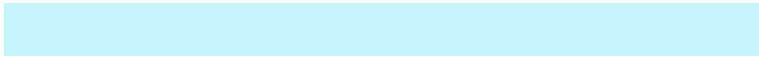
166.9010, -30.0242, 16.7498

Sweetspot

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



149.3330, 31.3878, -80.9760



232.3860, 11.1487, -29.2795



151.8780, -32.4779, -83.2080



113.7250, 7.0376, -17.2988



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.



149.3330, 31.3878, -80.9760



163.3700, 45.1736, -116.0885



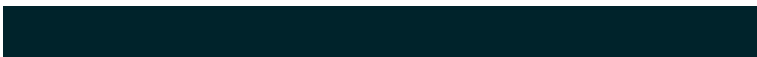
103.5470, 53.9603, -40.8217



102.5370, 2.2003, -5.7329



101.0870, 34.4671, -88.6533



25.4470, 8.6536, -22.3170

Inverse Universe

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



118.1220, 32.4779, 83.2080



118.7240, 46.4781, 119.5141



166.4530, -53.9603, 40.8217



100.3150, 2.3097, 5.8627



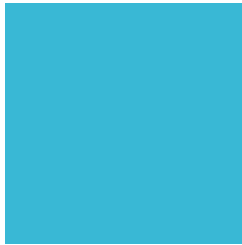
66.9750, 35.5083, 91.2299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 149.3330, 31.3878, -80.9760 looks on a white background.

Color Contrast Check

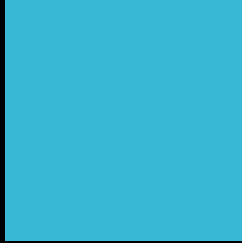
Large Text (above 18pt) WCAG AA × Fail

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 149.3330, 31.3878, -80.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

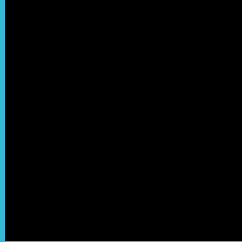
Any Text WCAG AA ✓ Pass

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 149.3330, 31.3878, -80.9760 Background



This preview shows how black text looks on a background with the YUV color 149.3330, 31.3878, -80.9760.

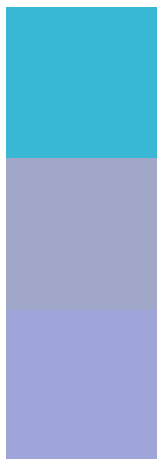


This preview shows how white text looks on a background with the YUV color 149.3330, 31.3878, -80.9760.

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

149.3330, 31.3878, -80.9760

Protanopia

169.0820, 15.7356, -7.0879

Deuteranopia

169.1340, 23.5979, -8.8875



Tritanopia

146.4480, 26.8941, -86.3389

Trichromacy



Original Color

149.3330, 31.3878, -80.9760

Protanomaly

161.6980, 21.3479, -33.9381

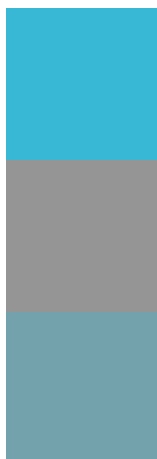
Deuteranomaly

162.0660, 26.5895, -35.1379

Tritanomaly

147.2140, 28.4885, -84.3797

Monochromacy



Original Color

149.3330, 31.3878, -80.9760

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3860, 11.1487, -29.2795

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3330, 31.3878, -80.9760 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(57, 184, 213)` looks like.

```
.text, #text, p{  
    color:rgb(57, 184, 213)  
}
```

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(57, 184, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 184, 213) }
```

Border

The CSS property to change the border of an element to YUV 149.3330, 31.3878, -80.9760 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(57, 184, 213) }
```


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

```
.border{ border-color:rgb(57, 184, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 184, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 184, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 184, 213);  
box-shadow:4px 4px 4px 4px rgb(57, 184,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 149.3330, 31.3878, -80.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 184, 213) }
```

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

```
.background{ background-color: rgb(57, 184,  
213) }
```

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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