

Converting Colors

YUV(148.4690, 31.8138,
-77.5873)

Have a look what the booklet for
YUV(148.4690, 31.8138, -77.5873)
contains.

YUV(148.4690, 31.8138, -77.5873)	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(148.4690, 31.8138,
-77.5873)**

Conversions

Conversions Part 1

Format	Color
Hex	3CB5D5
RGB	60, 181, 213
RGB Percent	24%, 71%, 84%
CMY	0.7647, 0.2902, 0.1647
CMYK	0.72, 0.15, 0.00, 0.16
HSL	193°, 65%, 54%
HSV	193°, 72%, 84%
XYZ	30.3976, 38.8125, 68.8402
YIQ	148.4690, -82.3880, -15.7000

Conversions

Conversions Part 2

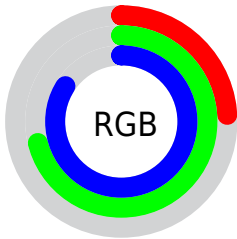
Format	Color
RYB	60, 128, 213
Decimal	3978709
CIELab	68.62, -22.79, -25.77
CIElCh	69, 34.400, 228.507
Yxy	38.8125, 0.2202, 0.2811
Android (android.graphics.Color)	4282168789 (0xFF3CB5D5)
YUV	148.4690, 31.8138, -77.5873
Hunter-Lab	62.2997, -21.9298, -21.9048

Details

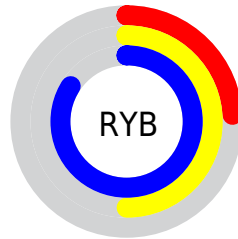
The YUV color **148.4690, 31.8138, -77.5873** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **124.5310, -31.8138, 77.5873**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1620, 24.0771, -69.4251**, and **93.1480, 31.9720, -81.6908** is the 20% darker color. If you saturate the color by 10%, you get **139.8420, 36.0669, -88.4384**, and if you desaturate by 10%, it is **157.0960, 27.5607, -66.7362**.

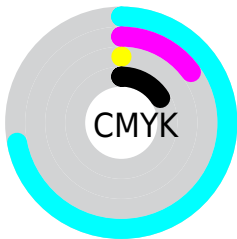
Distribution



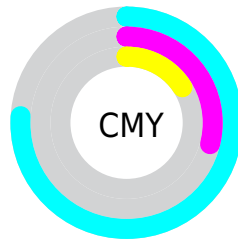
- Red (24%)
- Green (71%)
- Blue (84%)



- Red (24%)
- Yellow (50%)
- Blue (84%)



- Cyan (72%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4690, 31.8138, -77.5873 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 148.4690, 31.8138, -77.5873 by changing the saturation by 10% instead.

■ 148.4690, 31.8138,
-77.5873

■ 148.4690, 31.8138,
-77.5873

■ 255.0000, 0.0000,
0.0000

■ 111.4880, 36.2414,
-97.7750

■ 206.1620, 24.0771,
-69.4251

■ 93.1480, 31.9720,
-81.6908

■ 225.6980, 14.4459,
-60.2481

■ 75.5090, 27.8501,
-66.2214

■ 234.9670, 9.8763,
-41.1901

■ 57.9840, 24.1649,
-50.8520

■ 243.9370, 5.4541,
-22.7467

■ 41.6330, 19.9009,
-36.5121

■ 253.2060, 0.8844,
-3.6887

■ 26.6840, 15.9318,
-23.4019

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 148.4690, 31.8138,
-77.5873

■ 148.4690, 31.8138,
-77.5873

■ 139.8420, 36.0669,
-88.4384

■ 157.0960, 27.5607,
-66.7362

■ 130.3290, 40.7568,
-99.3895

■ 166.6090, 22.8708,
-55.7851

■ 122.8980, 44.4203,
-107.7815

■ 175.2360, 18.6177,
-44.9340

■ 184.4500, 14.0752,
-34.5976

■ 193.3760, 9.6746,
-23.1318

■ 202.5900, 5.1321,
-12.7954

■ 211.2170, 0.8790,
-1.9443

■ 220.4310, -3.6635,
8.3920

■ 229.3570, -8.0640,
19.8579

Harmonies

Analogous

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



146.8530, 19.2995, -77.0471



148.4690, 31.8138, -77.5873



159.2260, 33.9056, -48.4332

Triad

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



148.4690, 31.8138, -77.5873



171.8280, 4.5218, 43.1238



163.8070, -27.5129, 4.5543

Complementary

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



148.4690, 31.8138, -77.5873



124.5310, -31.8138, 77.5873

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.



166.2060, -29.1886, 28.7603



148.4690, 31.8138, -77.5873



169.9850, -10.3456, 51.7562

Square

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



148.4690, 31.8138, -77.5873



171.9420, 18.2696, 20.2219



168.6240, -22.9856, 45.9338



159.0900, -16.8064, -22.8809

Rectangle

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



148.4690, 31.8138, -77.5873



165.3970, 31.3563, -24.0272



168.6240, -22.9856, 45.9338



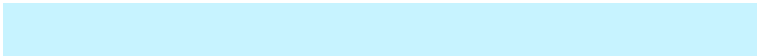
164.4060, -29.2872, 13.6759

Sweetspot

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



148.4690, 31.8138, -77.5873



231.2120, 11.7275, -28.2499



153.3450, -30.7361, -81.8636



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.



148.4690, 31.8138, -77.5873



162.5170, 45.5941, -110.9554



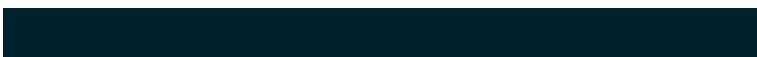
104.4440, 53.5181, -38.9774



102.5370, 2.2003, -5.7329



98.7390, 35.6247, -86.5941



24.8600, 8.9430, -21.8022

Inverse Universe

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



119.5410, 30.2993, 81.9635



121.2030, 43.2839, 117.3400



168.5560, -53.5181, 38.9774



100.3150, 2.3097, 5.8627



66.5190, 33.7611, 91.6298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 148.4690, 31.8138, -77.5873 looks on a white background.

Color Contrast Check

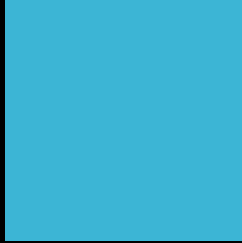
Large Text (above 18pt) WCAG AA × Fail

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 148.4690, 31.8138, -77.5873 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 148.4690, 31.8138, -77.5873

Background



This preview shows how black text looks on a background with the YUV color 148.4690, 31.8138, -77.5873.



This preview shows how white text looks on a background with the YUV color 148.4690, 31.8138, -77.5873.

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

148.4690, 31.8138, -77.5873

Protanopia

167.0110, 16.7566, -7.9026

Deuteranopia

166.7640, 24.7663, -10.3170



Tritanopia

144.9430, 26.1571, -83.2650

Trichromacy



Original Color

148.4690, 31.8138, -77.5873

Protanomaly

160.2250, 22.0741, -33.5233

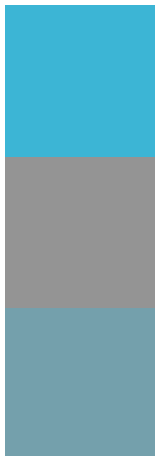
Deuteranomaly

160.2940, 27.4631, -35.3378

Tritanomaly

146.1220, 28.0409, -80.7910

Monochromacy



Original Color

148.4690, 31.8138, -77.5873

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2120, 11.7275, -28.2499

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4690, 31.8138, -77.5873 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(60, 181, 213)` looks like.

```
.text, #text, p{  
    color:rgb(60, 181, 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(60, 181, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 181, 213) }
```

Border

The CSS property to change the border of an element to YUV 148.4690, 31.8138, -77.5873 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(60, 181, 213) }
```


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

```
.border{ border-color:rgb(60, 181, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 181, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 181, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 181, 213);  
box-shadow:4px 4px 4px 4px rgb(60, 181,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 148.4690, 31.8138, -77.5873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 181, 213) }
```

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

```
.background{ background-color: rgb(60, 181,  
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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