

Converting Colors

YUV(148.0030, 11.8305,
-61.3926)

Have a look what the booklet for
YUV(148.0030, 11.8305, -61.3926)
contains.

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Color

**YUV(148.0030, 11.8305,
-61.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB3AC
RGB	78, 179, 172
RGB Percent	31%, 70%, 67%
CMY	0.6941, 0.2980, 0.3255
CMYK	0.56, 0.00, 0.04, 0.30
HSL	176°, 40%, 50%
HSV	176°, 56%, 70%
XYZ	26.7084, 36.8385, 44.7326
YIQ	148.0030, -57.9490, -23.5890

Conversions

Conversions Part 2

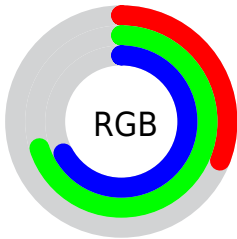
Format	Color
RYB	78, 130, 179
Decimal	5157804
CIELab	67.16, -30.93, -5.31
CIELCh	67, 31.385, 189.736
Yxy	36.8385, 0.2467, 0.3402
Android (android.graphics.Color)	4283347884 (0xFF4EB3AC)
YUV	148.0030, 11.8305, -61.3926
Hunter-Lab	60.6947, -27.6677, -1.2110

Details

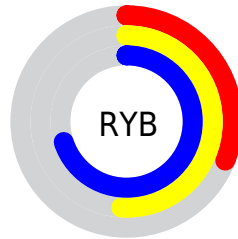
The YUV color **148.0030, 11.8305, -61.3926** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **108.9970, -11.8305, 61.3926**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4870, 11.0989, -60.0631**, and **87.6420, 15.9525, -76.8620** is the 20% darker color. If you saturate the color by 10%, you get **142.5070, 14.0470, -72.3586**, and if you desaturate by 10%, it is **153.4990, 9.6140, -50.4266**.

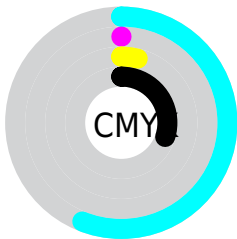
Distribution



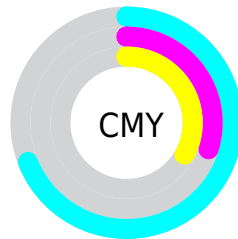
- Red (31%)
- Green (70%)
- Blue (67%)



- Red (31%)
- Yellow (51%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0030, 11.8305, -61.3926 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 148.0030, 11.8305, -61.3926 by changing the saturation by 10% instead.

■ 148.0030, 11.8305,
-61.3926

■ 148.0030, 11.8305,
-61.3926

■ 255.0000, 0.0000,
0.0000

■ 119.5080, 12.5676,
-64.4665

■ 204.4870, 11.0989,
-60.0631

■ 87.6420, 15.9525,
-76.8620

■ 228.0900, 13.2666,
-55.3299

■ 69.5300, 12.5567,
-60.9778

■ 236.7610, 8.9918,
-37.5014

■ 52.8200, 9.4557,
-46.3231

■ 245.4320, 4.7170,
-19.6729

■ 36.1100, 6.3548,
-31.6685

■ 254.4020, 0.2948,
-1.2296

■ 22.5630, 2.6804,
-19.7878

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 148.0030, 11.8305,
-61.3926

■ 148.0030, 11.8305,
-61.3926

■ 142.5070, 14.0470,
-72.3586

■ 153.4990, 9.6140,
-50.4266

■ 137.0110, 16.2636,
-83.3246

■ 158.9950, 7.3975,
-39.4606

■ 131.4010, 18.0433,
-94.1907

■ 164.6050, 5.6177,
-28.5946

■ 125.9050, 20.2598,
-105.1567

■ 170.1010, 3.4012,
-17.6286

■ 124.1110, 21.1443,
-108.8453

■ 175.5970, 1.1847,
-6.6626

■ 180.7940, -0.8844,
3.6887

■ 186.4040, -2.6642,
14.5547

■ 191.9000, -4.8807,
25.5207

■ 197.3960, -7.0972,
36.4867

Harmonies

Analogous

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



152.7920, -4.8275, -38.4056



148.0030, 11.8305, -61.3926



146.9170, 25.6769, -69.2102

Triad

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



148.0030, 11.8305, -61.3926



166.9300, 19.7545, 10.5854



163.4390, -25.8524, 32.0640

Complementary

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



148.0030, 11.8305, -61.3926



108.9970, -11.8305, 61.3926

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.



164.9920, -17.7441, 44.7340



148.0030, 11.8305, -61.3926



167.9840, 7.8959, 34.2170

Square

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



148.0030, 11.8305, -61.3926



162.2080, 27.9985, -20.3534



166.5050, -5.6720, 46.0381



161.0790, -26.6609, 11.3317

Rectangle

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



148.0030, 11.8305, -61.3926



151.3080, 29.4282, -59.0291



166.5050, -5.6720, 46.0381



164.0420, -23.6847, 36.7972

Sweetspot

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



148.0030, 11.8305, -61.3926



219.9970, 4.4385, -23.6764



139.6790, -30.4077, -47.0765



110.0090, 2.9536, -14.0399



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



148.0030, 11.8305, -61.3926



183.5040, 18.4855, -96.0350



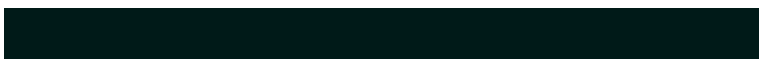
124.1470, 27.0425, -40.4709



86.3090, 1.3267, -5.5330



105.9990, 17.7485, -92.9611



17.9980, 2.9590, -15.7842

Inverse Universe

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



108.9970, -11.8305, 61.3926



122.4960, -18.4855, 96.0350



132.8530, -27.0425, 40.4709



82.8050, -0.8899, 5.4330



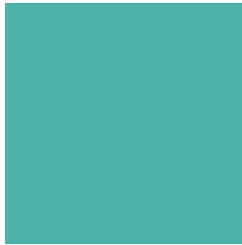
47.0010, -17.7485, 92.9611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 148.0030, 11.8305, -61.3926 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 148.0030, 11.8305, -61.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

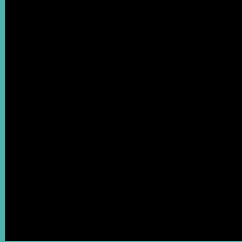
Any Text WCAG AA ✓ Pass

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 148.0030, 11.8305, -61.3926 Background



This preview shows how black text looks on a background with the YUV color 148.0030, 11.8305, -61.3926.



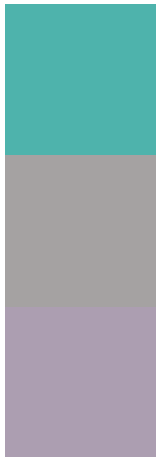
This preview shows how white text looks on a background with the YUV color 148.0030, 11.8305, -61.3926.

-61.3926.

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

148.0030, 11.8305, -61.3926

Protanopia

162.8970, -0.4422, 1.8443

Deuteranopia

164.3520, 6.2355, 6.7073



Tritanopia

150.3870, 19.5292, -57.3444

Trichromacy



Original Color

148.0030, 11.8305, -61.3926

Protanomaly

157.3070, 4.2856, -21.3172

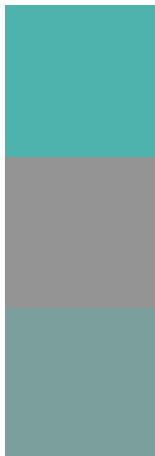
Deuteranomaly

158.6540, 8.0586, -18.1136

Tritanomaly

149.2790, 16.6245, -59.0037

Monochromacy



Original Color

148.0030, 11.8305, -61.3926

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0080, 4.4331, -21.9320

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0030, 11.8305, -61.3926 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(78, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(78, 179, 172)  
}
```

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(78, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 179, 172) }
```

Border

The CSS property to change the border of an element to YUV 148.0030, 11.8305, -61.3926 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(78, 179, 172) }
```


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

```
.border{ border-color:rgb(78, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(78, 179,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 148.0030, 11.8305, -61.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 179, 172) }
```

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

```
.background{ background-color: rgb(78, 179,  
172) }
```

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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