

Converting Colors

YUV(149.2630, 10.7163,
-77.4067)

Have a look what the booklet for
YUV(149.2630, 10.7163, -77.4067)
contains.

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Color

**YUV(149.2630, 10.7163,
-77.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	3DBEAB
RGB	61, 190, 171
RGB Percent	24%, 75%, 67%
CMY	0.7608, 0.2549, 0.3294
CMYK	0.68, 0.00, 0.10, 0.25
HSL	171°, 51%, 49%
HSV	171°, 68%, 75%
XYZ	27.6886, 40.7593, 44.9361
YIQ	149.2630, -70.7850, -33.2570

Conversions

Conversions Part 2

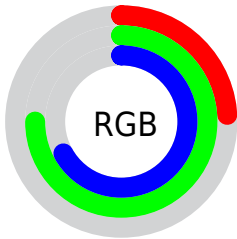
Format	Color
RYB	61, 131, 190
Decimal	4046507
CIELab	70.01, -39.26, -0.62
CIElCh	70, 39.270, 180.900
Yxy	40.7593, 0.2442, 0.3595
Android (android.graphics.Color)	4282236587 (0xFF3DBEAB)
YUV	149.2630, 10.7163, -77.4067
Hunter-Lab	63.8430, -34.3101, 2.9587

Details

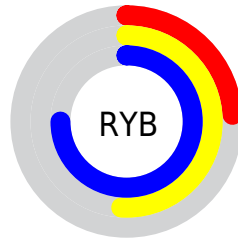
The YUV color **149.2630, 10.7163, -77.4067** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **101.7370, -10.7163, 77.4067**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1280, 8.8109, -72.9033**, and **93.3980, 12.6218, -81.9100** is the 20% darker color. If you saturate the color by 10%, you get **143.2400, 12.2067, -88.7875**, and if you desaturate by 10%, it is **155.2860, 9.2260, -66.0258**.

Distribution



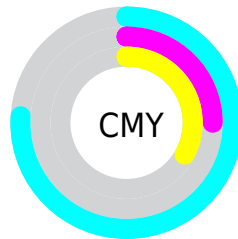
- Red (24%)
- Green (75%)
- Blue (67%)



- Red (24%)
- Yellow (51%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (76%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.2630, 10.7163, -77.4067 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 149.2630, 10.7163, -77.4067 by changing the saturation by 10% instead.


 149.2630, 10.7163,
-77.4067


 149.2630, 10.7163,
-77.4067


255.0000, 0.0000,
0.0000


 115.5000, 14.5435,
-91.6465

 208.1280, 8.8109,
-72.9033


 93.3980, 12.6218,
-81.9100

 224.8010, 14.8881,
-62.0925


 75.2860, 9.2260,
-66.0258

 233.7710, 10.4659,
-43.6492

 57.9890, 6.4144,
-50.8564

 242.7410, 6.0437,
-25.2059

 41.2790, 3.3135,
-36.2017

 251.7110, 1.6215,
-6.7625

 26.5580, 0.2179,
-23.2914

 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 149.2630, 10.7163,
-77.4067

■ 149.2630, 10.7163,
-77.4067

■ 143.2400, 12.2067,
-88.7875

■ 155.2860, 9.2260,
-66.0258

■ 137.2170, 13.6970,
-100.1683

■ 161.3090, 7.7357,
-54.6450

■ 131.3080, 15.6242,
-111.6491

■ 167.2180, 5.8085,
-43.1642

■ 129.9980, 15.7770,
-114.0082

■ 173.2410, 4.3182,
-31.7834

■ 179.2640, 2.8278,
-20.4025

■ 185.2870, 1.3375,
-9.0217

■ 191.3100, -0.1528,
2.3591

■ 197.2190, -2.0800,
13.8399

■ 203.2420, -3.5703,
25.2208

Harmonies

Analogous

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



158.9460, -11.8054, -40.2946



149.2630, 10.7163, -77.4067



134.5410, 35.7223, -117.9925

Triad

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



149.2630, 10.7163, -77.4067



173.5790, 28.8016, 2.1232



171.0770, -30.1110, 44.6595

Complementary

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



149.2630, 10.7163, -77.4067



101.7370, -10.7163, 77.4067

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.



172.6670, -18.0768, 58.1740



149.2630, 10.7163, -77.4067



175.8300, 14.8738, 36.1061

Square

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



149.2630, 10.7163, -77.4067



165.6060, 37.6622, -39.9965



174.5970, -1.7733, 55.6044



168.1960, -34.1136, 21.7531

Rectangle

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



149.2630, 10.7163, -77.4067



140.2140, 41.7995, -107.1817



174.5970, -1.7733, 55.6044



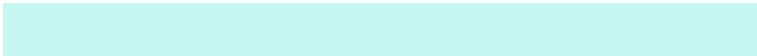
171.6200, -26.9277, 50.3223

Sweetspot

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



149.2630, 10.7163, -77.4067



231.5510, 4.1654, -29.4242



142.4040, -40.1322, -54.7283



115.5740, 2.6750, -18.0434



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.2630, 10.7163, -77.4067



183.8940, 16.8143, -120.0560



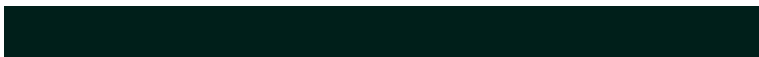
125.0140, 32.0381, -56.1403



91.1950, 0.8899, -5.4330



108.1360, 13.2440, -94.8353



21.1610, 2.3856, -18.5582

Inverse Universe

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



101.7370, -10.7163, 77.4067



110.2200, -16.3775, 119.9561



125.9860, -32.0381, 56.1403



87.8050, -0.8899, 5.4330



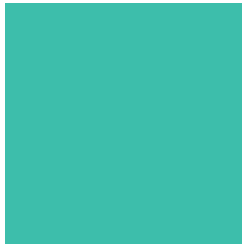
49.8640, -13.2440, 94.8353



9.8390, -2.3856, 18.5582

Previews

White Background



This preview shows how the YUV color 149.2630, 10.7163, -77.4067 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 149.2630, 10.7163, -77.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

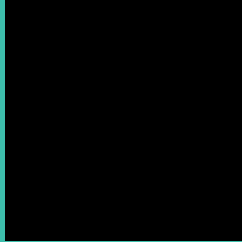
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

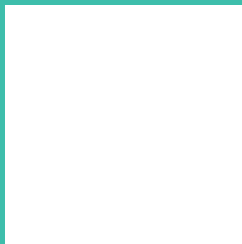
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.2630, 10.7163, -77.4067

Background



This preview shows how black text looks on a background with the YUV color 149.2630, 10.7163, -77.4067.

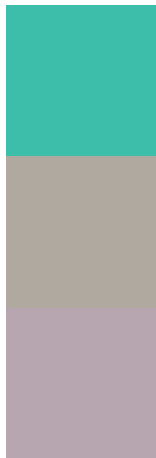


This preview shows how white text looks on a background with the YUV color 149.2630, 10.7163, -77.4067.

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

149.2630, 10.7163, -77.4067

Protanopia

169.6540, -5.2524, 4.6884

Deuteranopia

171.6360, 2.1515, 9.9662



Tritanopia

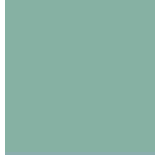
154.5210, 22.9141, -69.7399

Trichromacy



Original Color

149.2630, 10.7163, -77.4067



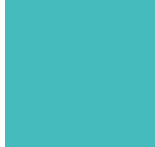
Protanomaly

162.5470, 0.2233, -25.0357



Deuteranomaly

163.5350, 5.1592, -21.5172



Tritanomaly

152.3590, 18.5570, -72.2288

Monochromacy



Original Color

149.2630, 10.7163, -77.4067



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1490, 3.8705, -28.1947

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2630, 10.7163, -77.4067 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(61, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(61, 190, 171)  
}
```

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(61, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 190, 171) }
```

Border

The CSS property to change the border of an element to YUV 149.2630, 10.7163, -77.4067 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(61, 190, 171) }
```


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

```
.border{ border-color:rgb(61, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(61, 190,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 149.2630, 10.7163, -77.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 190, 171) }
```

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

```
.background{ background-color: rgb(61, 190,  
171) }
```

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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