

Converting Colors

YUV(149.8930, 1.5318,
-118.3012)

Have a look what the booklet for
YUV(149.8930, 1.5318, -118.3012)
contains.

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Color

**YUV(149.8930, 1.5318,
-118.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	0FDA99
RGB	15, 218, 153
RGB Percent	6%, 85%, 60%
CMY	0.9412, 0.1451, 0.4000
CMYK	0.93, 0.00, 0.30, 0.15
HSL	161°, 87%, 46%
HSV	161°, 93%, 85%
XYZ	31.0182, 52.5443, 38.6442
YIQ	149.8930, -100.1230, -63.2510

Conversions

Conversions Part 2

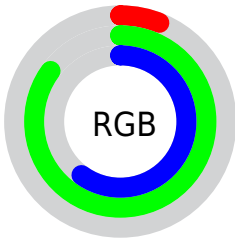
Format	Color
RYB	15, 136, 218
Decimal	1039001
CIELab	77.61, -59.23, 19.79
CIELCh	78, 62.447, 161.528
Yxy	52.5443, 0.2538, 0.4300
Android (android.graphics.Color)	4279229081 (0xFF0FDA99)
YUV	149.8930, 1.5318, -118.3012
Hunter-Lab	72.4874, -50.4709, 19.1327

Details

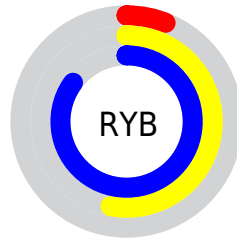
The YUV color **149.8930, 1.5318, -118.3012** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **83.1070, -1.5318, 118.3012**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6890, 1.1393, -85.6733**, and **106.7220, -2.3279, -93.5952** is the 20% darker color. If you saturate the color by 10%, you get **144.8380, 1.5589, -127.0229**, and if you desaturate by 10%, it is **157.2690, 1.3464, -105.4759**.

Distribution



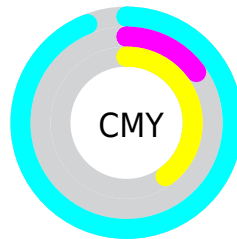
- Red (6%)
- Green (85%)
- Blue (60%)



- Red (6%)
- Yellow (53%)
- Blue (85%)



- Cyan (93%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)



- Cyan (94%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8930, 1.5318, -118.3012 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 149.8930, 1.5318, -118.3012 by changing the saturation by 10% instead.

■ 149.8930, 1.5318,
-118.3012

■ 149.8930, 1.5318,
-118.3012

■ 255.0000, 0.0000,
0.0000

■ 126.0080, 0.4891,
-110.5090

■ 205.6890, 1.1393,
-85.6733

■ 106.7220, -2.3279,
-93.5952

■ 218.7480, 8.5052,
-68.1850

■ 87.4360, -5.1449,
-76.6814

■ 230.4820, 12.0874,
-50.4117

■ 69.5520, -7.6671,
-60.9971

■ 239.7510, 7.5178,
-31.3536

■ 51.7820, -9.7525,
-45.4128

■ 249.0200, 2.9481,
-12.2955

■ 35.1860, -12.4167,
-30.8581

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 149.8930, 1.5318,
-118.3012

■ 149.8930, 1.5318,
-118.3012

■ 144.8380, 1.5589,
-127.0229

■ 157.2690, 1.3464,
-105.4759

■ 164.6450, 1.1610,
-92.6507

■ 171.7220, 1.1231,
-80.4402

■ 179.0980, 0.9377,
-67.6149

■ 186.4740, 0.7523,
-54.7897

■ 193.8500, 0.5670,
-41.9644

■ 201.2260, 0.3816,
-29.1392

■ 208.3030, 0.3436,
-16.9287

■ 215.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



176.3450, -37.1451, -32.7516



149.8930, 1.5318, -118.3012



154.0090, 29.0826, -135.0659

Triad

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



149.8930, 1.5318, -118.3012



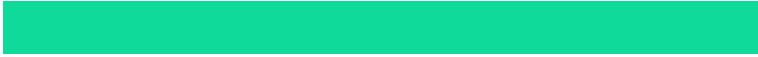
178.8720, 37.5311, -44.6147



180.0950, -30.6128, 65.6917

Complementary

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



149.8930, 1.5318, -118.3012



83.1070, -1.5318, 118.3012

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.



178.6200, -3.2637, 66.9853



149.8930, 1.5318, -118.3012



194.3740, 29.8886, 26.8590

Square

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



149.8930, 1.5318, -118.3012



151.1660, 51.1902, -132.5726



188.1670, 20.6237, 58.6125



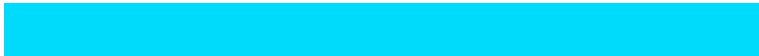
188.2640, -53.8672, 57.6505

Rectangle

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



149.8930, 1.5318, -118.3012



157.1670, 46.2597, -137.8355



188.1670, 20.6237, 58.6125



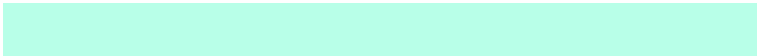
178.3970, -21.8877, 67.1808

Sweetspot

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



149.8930, 1.5318, -118.3012



231.1490, 0.4195, -41.3497



154.4930, -68.7700, -62.6994



113.2480, 0.3707, -25.6505



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.



149.8930, 1.5318, -118.3012



169.4070, 1.7713, -148.5699



137.3450, 39.7629, -107.2966



106.2550, -0.1257, -6.3626



115.0030, 1.4775, -100.8576



30.5360, 0.2288, -26.7801

Inverse Universe

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



83.1070, -1.5318, 118.3012



85.5930, -1.7713, 148.5699



95.6550, -39.7629, 107.2966



102.6310, -0.3111, 6.4626



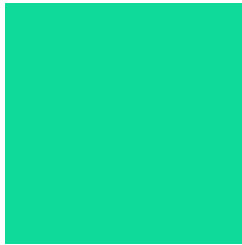
58.1110, -1.0407, 100.7577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 149.8930, 1.5318, -118.3012 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 149.8930, 1.5318, -118.3012 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

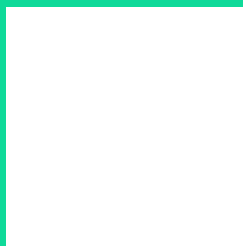
Any Text WCAG AAA ✓ Pass

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

YUV 149.8930, 1.5318, -118.3012 Background



This preview shows how black text looks on a background with the YUV color 149.8930, 1.5318, -118.3012.

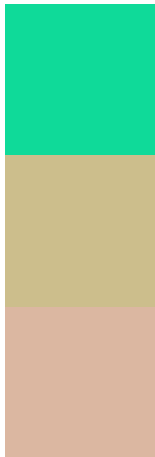


This preview shows how white text looks on a background with the YUV color 149.8930, 1.5318,

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

149.8930, 1.5318, -118.3012

Protanopia

188.4860, -23.9036, 13.6058

Deuteranopia

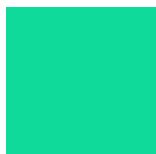
191.2560, -14.9162, 24.3315



Tritanopia

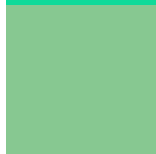
170.5730, 27.3255, -84.6945

Trichromacy



Original Color

149.8930, 1.5318, -118.3012



Protanomaly

174.2950, -14.4424, -34.4617



Deuteranomaly

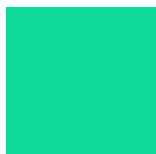
176.4190, -9.0806, -27.5545



Tritanomaly

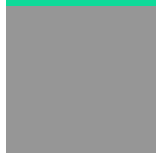
162.9770, 17.7593, -96.4498

Monochromacy



Original Color

149.8930, 1.5318, -118.3012



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.1380, 0.4250, -43.0940

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8930, 1.5318, -118.3012 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(15, 218, 153)` looks like.

```
.text, #text, p{  
    color:rgb(15, 218, 153)  
}
```

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(15, 218, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 218, 153) }
```

Border

The CSS property to change the border of an element to YUV 149.8930, 1.5318, -118.3012 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(15, 218, 153) }
```


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

```
.border{ border-color:rgb(15, 218, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 218, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 218, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 218, 153);  
box-shadow:4px 4px 4px 4px rgb(15, 218,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 149.8930, 1.5318, -118.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 218, 153) }
```

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

```
.background{ background-color: rgb(15, 218,  
153) }
```

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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