

Converting Colors

YUV(129.7070, 10.4974,
-100.5980)

Have a look what the booklet for
YUV(129.7070, 10.4974, -100.5980)
contains.

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Color

**YUV(129.7070, 10.4974,
-100.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	0FB897
RGB	15, 184, 151
RGB Percent	6%, 72%, 59%
CMY	0.9412, 0.2784, 0.4078
CMYK	0.92, 0.00, 0.18, 0.28
HSL	168°, 85%, 39%
HSV	168°, 92%, 72%
XYZ	22.9234, 36.6169, 35.1377
YIQ	129.7070, -90.1310, -46.0910

Conversions

Conversions Part 2

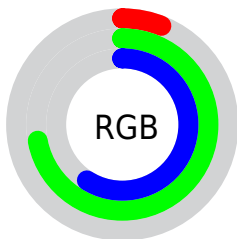
Format	Color
R _Y B	15, 109, 184
Decimal	1030295
CIE Lab	66.99, -46.48, 5.90
CIE LCh	67, 46.851, 172.765
Yxy	36.6169, 0.2421, 0.3868
Android (android.graphics.Color)	4279220375 (0xFF0FB897)
YUV	129.7070, 10.4974, -100.5980
Hunter-Lab	60.5119, -38.2756, 7.9301

Details

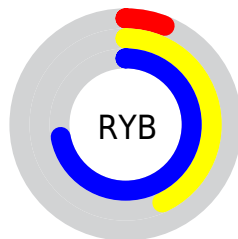
The YUV color **129.7070, 10.4974, -100.5980** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **69.2930, -10.4974, 100.5980**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7370, 5.0597, -83.0843**, and **87.7100, 6.0590, -76.9217** is the 20% darker color. If you saturate the color by 10%, you get **124.8800, 11.3982, -109.5198**, and if you desaturate by 10%, it is **135.5450, 9.5913, -89.9320**.

Distribution



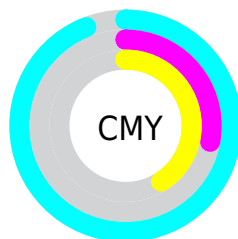
- Red (6%)
- Green (72%)
- Blue (59%)



- Red (6%)
- Yellow (43%)
- Blue (72%)



- Cyan (92%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)




- Cyan (94%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7070, 10.4974, -100.5980 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 129.7070, 10.4974, -100.5980 by changing the saturation by 10% instead.


 129.7070, 10.4974,
-100.5980

 129.7070, 10.4974,
-100.5980


255.0000, 0.0000,
0.0000


 106.4090, 9.1654,
-93.3207


 194.7370, 5.0597,
-83.0843


 87.7100, 6.0590,
-76.9217


 215.4160, 8.6689,
-74.0328


 69.7120, 3.1000,
-61.1374


 227.1930, 13.7089,
-57.1743

 52.5290, 0.7252,
-46.0679

 236.1630, 9.2866,
-38.7310

 35.9330, -1.9390,
-31.5132

 245.4320, 4.7170,
-19.6729

 19.9240, -4.8925,
-17.4733

254.4020, 0.2948,

 0.0000, 0.0000,

-1.2296

0.0000

■ 129.7070, 10.4974,
-100.5980

■ 129.7070, 10.4974,
-100.5980

■ 124.8800, 11.3982,
-109.5198

■ 135.5450, 9.5913,
-89.9320

■ 141.5680, 8.1010,
-78.5511

■ 147.4060, 7.1948,
-67.8851

■ 153.4290, 5.7045,
-56.5042

■ 159.2670, 4.7984,
-45.8382

■ 165.1050, 3.8922,
-35.1721

■ 171.1280, 2.4019,
-23.7913

■ 176.9660, 1.4958,
-13.1252

■ 182.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



149.3070, -19.3784, -37.9802



129.7070, 10.4974, -100.5980



130.1240, 31.4909, -114.1187

Triad

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



129.7070, 10.4974, -100.5980



163.8960, 38.0123, -12.1868



162.5840, -32.3329, 57.3698

Complementary

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



129.7070, 10.4974, -100.5980



69.2930, -10.4974, 100.5980

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.



164.1290, -15.3466, 69.1699



129.7070, 10.4974, -100.5980



168.2840, 23.0310, 33.0769

Square

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



129.7070, 10.4974, -100.5980



146.3720, 49.1166, -73.9942



166.2370, 4.3202, 61.1822



159.9540, -40.4033, 32.4893

Rectangle

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



129.7070, 10.4974, -100.5980



131.8000, 42.9896, -115.5886



166.2370, 4.3202, 61.1822



162.9960, -27.1130, 63.1475

Sweetspot

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



129.7070, 10.4974, -100.5980



218.4850, 4.1979, -39.8903



124.3690, -53.9189, -66.0986



106.8290, 2.5493, -24.4060



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



129.7070, 10.4974, -100.5980



162.8820, 14.8482, -142.8475



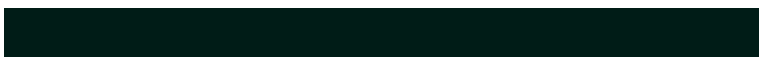
103.5320, 39.6707, -77.6426



89.0810, 0.4531, -5.3330



105.8220, 9.4548, -92.8059



19.0580, 1.9434, -16.7139

Inverse Universe

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



69.2930, -10.4974, 100.5980



77.1180, -14.8482, 142.8475



95.4680, -39.6707, 77.6426



85.8050, -0.8899, 5.4330



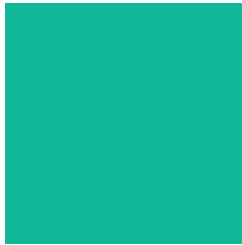
50.0640, -9.8916, 92.9059



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 129.7070, 10.4974, -100.5980 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 129.7070, 10.4974, -100.5980 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

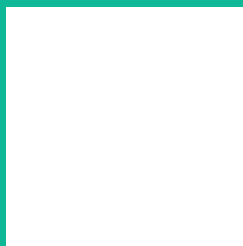
Any Text WCAG AAA ✓ Pass

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

YUV 129.7070, 10.4974, -100.5980 Background



This preview shows how black text looks on a background with the YUV color 129.7070, 10.4974, -100.5980.

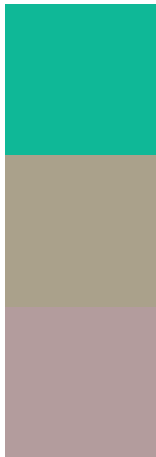


This preview shows how white text looks on a background with the YUV color 129.7070, 10.4974, -100.5980.

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

129.7070, 10.4974, -100.5980

Protanopia

161.1830, -10.9362, 7.7325

Deuteranopia

162.9910, -2.9536, 14.0399



Tritanopia

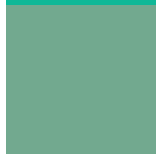
142.9330, 24.6830, -77.1172

Trichromacy



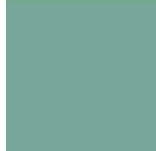
Original Color

129.7070, 10.4974, -100.5980



Protanomaly

149.5910, -3.2494, -31.2133



Deuteranomaly

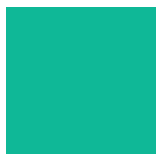
150.6930, 2.1234, -27.7948



Tritanomaly

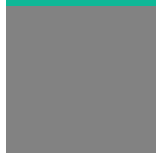
137.9120, 19.7634, -85.8688

Monochromacy



Original Color

129.7070, 10.4974, -100.5980



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.0940, 3.8977, -36.9164

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7070, 10.4974, -100.5980 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, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(15, 184, 151)  
}
```

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, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 184, 151) }
```

Border

The CSS property to change the border of an element to YUV 129.7070, 10.4974, -100.5980 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, 184, 151) }
```


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

```
.border{ border-color:rgb(15, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(15, 184,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 129.7070, 10.4974, -100.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 184, 151) }
```

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

```
.background{ background-color: rgb(15, 184,  
151) }
```

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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