

Converting Colors

YUV(110.4890, 1.2379,
-70.5889)

Have a look what the booklet for
YUV(110.4890, 1.2379, -70.5889)
contains.

YUV(110.4890, 1.2379, -70.5889)	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(110.4890, 1.2379,
-70.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	1E9771
RGB	30, 151, 113
RGB Percent	12%, 59%, 44%
CMY	0.8824, 0.4078, 0.5569
CMYK	0.80, 0.00, 0.25, 0.41
HSL	161°, 67%, 35%
HSV	161°, 80%, 59%
XYZ	14.5827, 23.6015, 19.4097
YIQ	110.4890, -59.9180, -37.4700

Conversions

Conversions Part 2

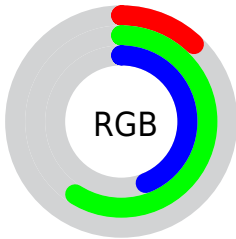
Format	Color
R_{YB}	30, 102, 151
Decimal	2004849
CIE _{Lab}	55.69, -41.32, 11.04
CIE _{LCh}	56, 42.771, 165.045
Yxy	23.6015, 0.2532, 0.4098
Android (android.graphics.Color)	4280194929 (0xFF1E9771)
YUV	110.4890, 1.2379, -70.5889
Hunter-Lab	48.5814, -31.4371, 10.3188

Details

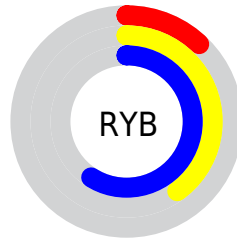
The YUV color **110.4890, 1.2379, -70.5889** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **70.5110, -1.2379, 70.5889**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4360, -1.6939, -63.5264**, and **65.5230, -0.2578, -57.4637** is the 20% darker color. If you saturate the color by 10%, you get **105.4340, 1.2650, -79.3106**, and if you desaturate by 10%, it is **115.5440, 1.2108, -61.8671**.

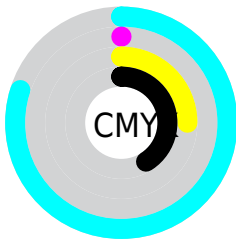
Distribution



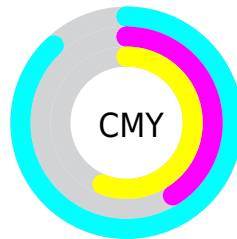
- Red (12%)
- Green (59%)
- Blue (44%)



- Red (12%)
- Yellow (40%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.4890, 1.2379, -70.5889 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 110.4890, 1.2379, -70.5889 by changing the saturation by 10% instead.


 110.4890, 1.2379,
-70.5889

 110.4890, 1.2379,
-70.5889


255.0000, 0.0000,
0.0000


 83.4070, 2.2643,
-73.1479


 168.4360, -1.6939,
-63.5264


 65.5230, -0.2578,
-57.4637


 197.2080, -2.5675,
-63.3264

 48.3400, -2.6326,
-42.3942

 220.8110, -0.3998,
-58.5932

 31.8580, -4.8600,
-27.9395

 232.6740, 7.5557,
-43.5641

 16.4360, -8.1029,
-14.4144

 242.1430, 6.3385,
-26.4354

 0.0000, 0.0000,
0.0000

 251.1130, 1.9163,

-7.9921

■ 110.4890, 1.2379,
-70.5889

■ 110.4890, 1.2379,
-70.5889

■ 105.4340, 1.2650,
-79.3106

■ 115.5440, 1.2108,
-61.8671

■ 100.4930, 1.7290,
-88.1324

■ 120.4850, 0.7469,
-53.0453

■ 125.5400, 0.7198,
-44.3236

■ 130.5950, 0.6927,
-35.6018

■ 135.9490, 0.5181,
-26.2653

■ 140.8900, 0.0542,
-17.4435

■ 145.9450, 0.0271,
-8.7218

■ 151.0000, 0.0000,
0.0000

■ 156.0550, -0.0271,
8.7218

Harmonies

Analogous

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



123.1130, -21.7477, -24.6551



110.4890, 1.2379, -70.5889



106.4380, 21.9691, -93.3461

Triad

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



110.4890, 1.2379, -70.5889



131.6620, 36.1556, -23.3826



132.8100, -25.0493, 54.5406

Complementary

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



110.4890, 1.2379, -70.5889



70.5110, -1.2379, 70.5889

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.



133.7950, -8.7729, 60.6928



110.4890, 1.2379, -70.5889



137.1360, 24.0900, 20.0517

Square

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



110.4890, 1.2379, -70.5889



107.3110, 48.1607, -94.1117



136.3110, 8.7207, 49.7163



131.3440, -35.1726, 34.7783

Rectangle

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



110.4890, 1.2379, -70.5889



108.5870, 32.7416, -95.2308



136.3110, 8.7207, 49.7163



133.2110, -19.8240, 58.5740

Sweetspot

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



110.4890, 1.2379, -70.5889



180.3510, 0.8130, -27.4948



112.3890, -40.6178, -38.9292



89.6020, 0.1962, -16.3140



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



110.4890, 1.2379, -70.5889



133.0620, 1.9414, -109.6794



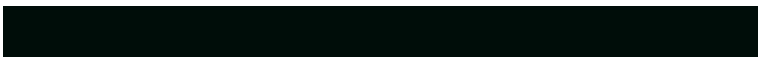
101.9070, 24.2028, -63.0624



74.2660, -0.1311, -4.6183



93.1240, 1.4179, -81.6697



8.6570, 0.1691, -7.5922

Inverse Universe

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



70.5110, -1.2379, 70.5889



70.9380, -1.9414, 109.6794



79.0930, -24.2028, 63.0624



71.6200, -0.3057, 4.7183



46.8760, -1.4179, 81.6697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 110.4890, 1.2379, -70.5889 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4890, 1.2379, -70.5889 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 × Fail

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

YUV 110.4890, 1.2379, -70.5889

Background



This preview shows how black text looks on a background with the YUV color 110.4890, 1.2379, -70.5889.



This preview shows how white text looks on a background with the YUV color 110.4890, 1.2379, -70.5889.

-70.5889.

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

110.4890, 1.2379, -70.5889

Protanopia

131.4990, -13.5570, 8.3324

Deuteranopia

133.7370, -7.7583, 15.1397



Tritanopia

119.7570, 18.3608, -55.9149

Trichromacy



Original Color

110.4890, 1.2379, -70.5889

Protanomaly

123.9900, -8.3761, -20.1622

Deuteranomaly

125.0490, -4.4612, -15.8290

Tritanomaly

116.4160, 12.1199, -60.8778

Monochromacy



Original Color

110.4890, 1.2379, -70.5889

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2480, 0.3707, -25.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4890, 1.2379, -70.5889 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(30, 151, 113)` looks like.

```
.text, #text, p{  
    color:rgb(30, 151, 113)  
}
```

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(30, 151, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 151, 113) }
```

Border

The CSS property to change the border of an element to YUV 110.4890, 1.2379, -70.5889 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(30, 151, 113) }
```


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

```
.border{ border-color:rgb(30, 151, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 151, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 151, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 151, 113);  
box-shadow:4px 4px 4px 4px rgb(30, 151,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 110.4890, 1.2379, -70.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 151, 113) }
```

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

```
.background{ background-color: rgb(30, 151,  
113) }
```

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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