

Converting Colors

YUV(121.3000, -12.4729,
-106.3801)

Have a look what the booklet for
YUV(121.3000, -12.4729, -106.3801)
contains.

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Color

**YUV(121.3000, -12.4729,
-106.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	00BC60
RGB	0, 188, 96
RGB Percent	0%, 74%, 38%
CMY	1.0000, 0.2627, 0.6235
CMYK	1.00, 0.00, 0.49, 0.26
HSL	151°, 100%, 37%
HSV	151°, 100%, 74%
XYZ	20.0945, 36.8110, 17.1125
YIQ	121.3000, -82.5160, -68.4680

Conversions

Conversions Part 2

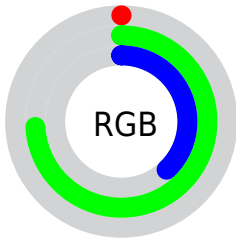
Format	Color
RYB	0, 124, 188
Decimal	48224
CIELab	67.13, -60.48, 35.40
CIELCh	67, 70.079, 149.654
Yxy	36.8110, 0.2715, 0.4973
Android (android.graphics.Color)	4278238304 (0xFF00BC60)
YUV	121.3000, -12.4729, -106.3801
Hunter-Lab	60.6720, -47.0570, 25.7478

Details

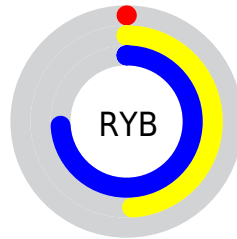
The YUV color **121.3000, -12.4729, -106.3801** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **66.7000, 12.4729, 106.3801**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6900, -20.5532, -81.2891**, and **83.4290, -17.9595, -73.1672** is the 20% darker color. If you saturate the color by 10%, you get **121.3000, -12.4729, -106.3801**, and if you desaturate by 10%, it is **128.0070, -11.3425, -95.5991**.

Distribution



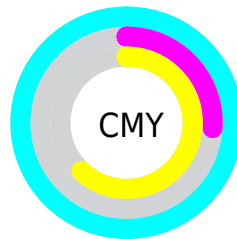
- Red (0%)
- Green (74%)
- Blue (38%)



- Red (0%)
- Yellow (49%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3000, -12.4729, -106.3801 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 121.3000, -12.4729, -106.3801 by changing the saturation by 10% instead.

■ 121.3000,
-12.4729, -106.3801

■ 121.3000,
-12.4729, -106.3801

■ 255.0000, 0.0000,
0.0000

■ 102.0140,
-15.2899, -89.4663

■ 189.6900,
-20.5532, -81.2891

■ 83.4290, -17.9595,
-73.1672

■ 208.2060,
-16.3706, -69.4637

■ 65.3170, -21.3553,
-57.2830

■ 220.3680, -8.5624,
-53.8197

■ 47.5470, -23.4407,
-41.6987

■ 232.8290, -0.9017,
-37.5610

■ 33.4590, -16.4953,
-29.3435

■ 244.5350, 5.1592,
-21.5172

■ 18.7840, -9.2605,
-16.4736

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 121.3000,
-12.4729, -106.3801

■ 128.0070,
-11.3425, -95.5991

■ 134.7140,
-10.2120, -84.8182

■ 141.2360, -8.4973,
-74.7520

■ 147.9430, -7.3669,
-63.9710

■ 154.6500, -6.2364,
-53.1900

■ 161.3570, -5.1060,
-42.4091

■ 168.0640, -3.9756,
-31.6281

■ 174.5860, -2.2609,
-21.5619

■ 181.2930, -1.1304,
-10.7810

Harmonies

Analogous

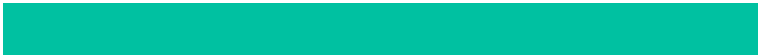
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148.4000, -53.9342, -14.3828



121.3000, -12.4729, -106.3801



131.6450, 14.4720, -115.4527

Triad

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



121.3000, -12.4729, -106.3801



129.4470, 61.8976, -113.5250



152.7850, -23.5580, 89.6426

Complementary

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



121.3000, -12.4729, -106.3801



66.7000, 12.4729, 106.3801

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.



153.9830, 6.4174, 88.5919



121.3000, -12.4729, -106.3801



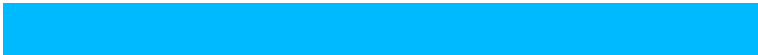
163.1990, 45.2579, -2.8055

Square

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



121.3000, -12.4729, -106.3801



138.2520, 57.5568, -121.2470



166.4200, 30.3589, 62.7757



157.7160, -52.6110, 74.7941

Rectangle

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



121.3000, -12.4729, -106.3801



136.5470, 33.2543, -119.7517



166.4200, 30.3589, 62.7757



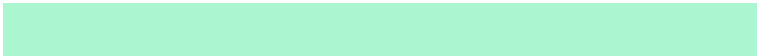
151.5430, -13.0857, 90.7318

Sweetspot

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



121.3000, -12.4729, -106.3801



218.7700, -4.8166, -41.8943



138.4620, -68.2618, -38.9932



106.4500, -2.6868, -24.9506



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



121.3000, -12.4729, -106.3801



158.0650, -16.3010, -138.6230



131.7880, 27.7125, -115.5781



90.8530, -0.4205, -5.1331



101.9800, -10.3431, -89.4365



20.0210, -1.9824, -17.5584

Inverse Universe

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



66.7000, 12.4729, 106.3801



86.9350, 16.3010, 138.6230



56.2120, -27.7125, 115.5781



88.2610, 0.8573, 5.0331



56.0200, 10.3431, 89.4365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 121.3000, -12.4729, -106.3801 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 121.3000, -12.4729, -106.3801 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 121.3000, -12.4729, -106.3801 Background



This preview shows how black text looks on a background with the YUV color 121.3000, -12.4729, -106.3801.



This preview shows how white text looks on a background with the YUV color 121.3000, -12.4729, -106.3801.

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

121.3000, -12.4729, -106.3801

Protanopia

158.5330, -35.2658, 17.9496

Deuteranopia

161.1460, -28.1730, 29.6900



Tritanopia

147.3150, 22.0297, -66.0513

Trichromacy



Original Color

121.3000, -12.4729, -106.3801



Protanomaly

144.7230, -26.9784, -26.9441



Deuteranomaly

146.6190, -22.4902, -19.8369



Tritanomaly

137.8990, 9.4168, -80.5954

Monochromacy



Original Color

121.3000, -12.4729, -106.3801



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.9060, -4.3907, -38.5056

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3000, -12.4729, -106.3801 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(0, 188, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 96)  
}
```

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(0, 188, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 96) }
```

Border

The CSS property to change the border of an element to YUV 121.3000, -12.4729, -106.3801 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(0, 188, 96) }
```


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

```
.border{ border-color:rgb(0, 188, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 188, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 121.3000, -12.4729, -106.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 96) }
```

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

```
.background{ background-color: rgb(0, 188,  
96) }
```

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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