

Converting Colors

YUV(121.4770, -4.1792,
-106.5353)

Have a look what the booklet for
YUV(121.4770, -4.1792, -106.5353)
contains.

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Color

**YUV(121.4770, -4.1792,
-106.5353)**

Conversions

Conversions Part 1

Format	Color
Hex	00B971
RGB	0, 185, 113
RGB Percent	0%, 73%, 44%
CMY	1.0000, 0.2745, 0.5569
CMYK	1.00, 0.00, 0.39, 0.27
HSL	157°, 100%, 36%
HSV	157°, 100%, 73%
XYZ	20.3296, 35.8902, 21.4788
YIQ	121.4770, -87.1480, -61.6120

Conversions

Conversions Part 2

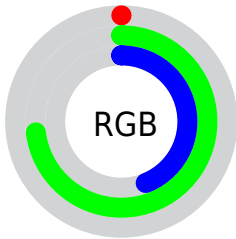
Format	Color
RYB	0, 115, 185
Decimal	47473
CIELab	66.44, -56.31, 25.71
CIELCh	66, 61.898, 155.462
Yxy	35.8902, 0.2616, 0.4619
Android (android.graphics.Color)	4278237553 (0xFF00B971)
YUV	121.4770, -4.1792, -106.5353
Hunter-Lab	59.9084, -44.2667, 20.6788

Details

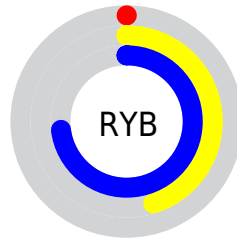
The YUV color **121.4770, -4.1792, -106.5353** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **63.5230, 4.1792, 106.5353**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5680, -12.1120, -82.0591**, and **83.6060, -9.6658, -73.3225** is the 20% darker color. If you saturate the color by 10%, you get **121.4770, -4.1792, -106.5353**, and if you desaturate by 10%, it is **127.6570, -3.7749, -96.1692**.

Distribution



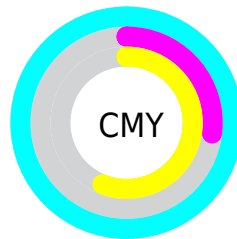
- Red (0%)
- Green (73%)
- Blue (44%)



- Red (0%)
- Yellow (45%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4770, -4.1792, -106.5353 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 121.4770, -4.1792, -106.5353 by changing the saturation by 10% instead.

■ 121.4770, -4.1792,
-106.5353

■ 121.4770, -4.1792,
-106.5353

■ 255.0000, 0.0000,
0.0000

■ 102.1910, -6.9962,
-89.6215

■ 189.5680,
-12.1120, -82.0591

■ 83.6060, -9.6658,
-73.3225

■ 209.6600, -8.2134,
-72.4928

■ 65.7220, -12.1879,
-57.6382

■ 222.1210, -0.5527,
-56.2341

■ 48.4250, -14.9995,
-42.4687

■ 234.2830, 7.2555,
-40.5902

■ 32.2850, -15.9165,
-28.3139

■ 244.2360, 5.3067,
-22.1320

■ 18.1970, -8.9711,
-15.9588

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 121.4770, -4.1792,
-106.5353

■ 127.6570, -3.7749,
-96.1692

■ 134.1360, -3.5180,
-85.1883

■ 140.7290, -2.8244,
-74.3073

■ 146.9090, -2.4201,
-63.9412

■ 153.3880, -2.1633,
-52.9603

■ 159.5680, -1.7590,
-42.5941

■ 166.0470, -1.5022,
-31.6132

■ 172.3410, -0.6611,
-21.3471

■ 178.8200, -0.4043,
-10.3661

Harmonies

Analogous

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



147.9720, -41.3982, -21.9004



121.4770, -4.1792, -106.5353



129.7360, 19.8502, -113.7785

Triad

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



121.4770, -4.1792, -106.5353



141.7720, 55.8214, -77.8530



158.0850, -28.6359, 84.9945

Complementary

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



121.4770, -4.1792, -106.5353



63.5230, 4.1792, 106.5353

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.



157.7840, -1.8655, 85.2584



121.4770, -4.1792, -106.5353



165.1190, 43.3253, 10.4196

Square

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



121.4770, -4.1792, -106.5353



134.1430, 59.5825, -117.6434



164.5420, 21.9178, 63.5457



157.7250, -49.6574, 60.7542

Rectangle

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



121.4770, -4.1792, -106.5353



134.0680, 36.4485, -117.5776



164.5420, 21.9178, 63.5457



156.5010, -19.4740, 86.3836

Sweetspot

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



121.4770, -4.1792, -106.5353



215.2800, -1.6170, -41.4646



130.7210, -64.4455, -49.7443



105.2050, -1.0871, -24.7358



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.



121.4770, -4.1792, -106.5353



157.5240, -5.6813, -138.1485



118.5320, 32.7687, -103.9526



88.8530, -0.4205, -5.1331



102.4020, -3.6492, -89.8066



18.3740, -0.6774, -16.1140

Inverse Universe

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



63.5230, 4.1792, 106.5353



82.3620, 5.2445, 138.2485



65.8810, -32.4793, 104.4674



86.0330, -0.0163, 5.2331



53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 121.4770, -4.1792, -106.5353 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 121.4770, -4.1792, -106.5353 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 121.4770, -4.1792, -106.5353 Background



This preview shows how black text looks on a background with the YUV color 121.4770, -4.1792, -106.5353.



This preview shows how white text looks on a background with the YUV color 121.4770, -4.1792, -106.5353.

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

121.4770, -4.1792, -106.5353

Protanopia

157.6880, -26.9612, 14.3056

Deuteranopia

160.5890, -20.0104, 24.9164



Tritanopia

145.0050, 22.1825, -68.4104

Trichromacy



Original Color

121.4770, -4.1792, -106.5353



Protanomaly

144.5900, -18.5319, -29.4584



Deuteranomaly

146.0730, -14.3330, -22.8660



Tritanomaly

136.3980, 12.6218, -81.9100

Monochromacy



Original Color

121.4770, -4.1792, -106.5353



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.0030, -1.4805, -38.5906

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4770, -4.1792, -106.5353 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, 185, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 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(0, 185, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 113) }
```

Border

The CSS property to change the border of an element to YUV 121.4770, -4.1792, -106.5353 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, 185, 113) }
```


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

```
.border{ border-color:rgb(0, 185, 113) }
```

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

Here you see how a box with a 4 pixel rgb(0, 185, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 121.4770, -4.1792, -106.5353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 113) }
```

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

```
.background{ background-color: rgb(0, 185,  
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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