

Converting Colors

YUV(121.9740, 25.6488,
-106.9712)

Have a look what the booklet for
YUV(121.9740, 25.6488, -106.9712)
contains.

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Color

**YUV(121.9740, 25.6488,
-106.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	00AEAE
RGB	0, 174, 174
RGB Percent	0%, 68%, 68%
CMY	1.0000, 0.3176, 0.3176
CMYK	1.00, 0.00, 0.00, 0.32
HSL	180°, 100%, 34%
HSV	180°, 100%, 68%
XYZ	22.7760, 33.3281, 45.2769
YIQ	121.9740, -103.7040, -36.8880

Conversions

Conversions Part 2

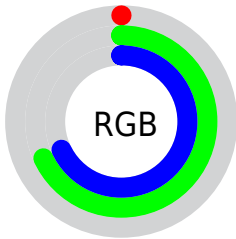
Format	Color
RYB	0, 87, 174
Decimal	44718
CIELab	64.43, -36.10, -10.62
CIELCh	64, 37.628, 196.386
Yxy	33.3281, 0.2247, 0.3287
Android (android.graphics.Color)	4278234798 (0xFF00AEAE)
YUV	121.9740, 25.6488, -106.9712
Hunter-Lab	57.7305, -30.6059, -6.0887

Details

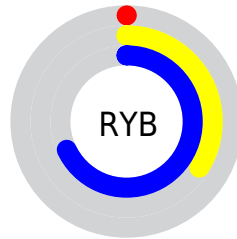
The YUV color **121.9740, 25.6488, -106.9712** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **52.0260, -25.6488, 106.9712**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1190, 19.1683, -81.6654**, and **84.9350, 18.2730, -74.4880** is the 20% darker color. If you saturate the color by 10%, you get **121.9740, 25.6488, -106.9712**, and if you desaturate by 10%, it is **127.0570, 23.1429, -96.5200**.

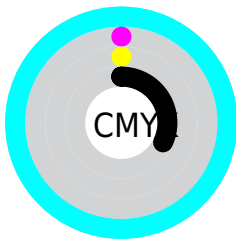
Distribution



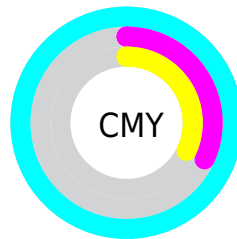
- Red (0%)
- Green (68%)
- Blue (68%)



- Red (0%)
- Yellow (34%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9740, 25.6488, -106.9712 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 121.9740, 25.6488, -106.9712 by changing the saturation by 10% instead.

■ 121.9740, 25.6488,
-106.9712

■ 121.9740, 25.6488,
-106.9712

■ 255.0000, 0.0000,
0.0000

■ 103.0470, 21.6688,
-90.3722

■ 190.1190, 19.1683,
-81.6654

■ 84.9350, 18.2730,
-74.4880

■ 217.3260, 18.5733,
-77.4619

■ 66.8230, 14.8773,
-58.6038

■ 226.5950, 14.0037,
-58.4038

■ 49.9990, 11.3395,
-43.8491

■ 235.5650, 9.5815,
-39.9605

■ 33.9900, 8.3859,
-29.8092

■ 244.8340, 5.0118,
-20.9024

■ 18.0950, 5.8692,
-15.8693

■ 253.8040, 0.5896,

■ 0.2280, 0.8736,

-2.4591

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 121.9740, 25.6488,
-106.9712

■ 127.0570, 23.1429,
-96.5200

■ 132.4390, 20.4896,
-85.4540

■ 137.5220, 17.9837,
-75.0028

■ 142.9040, 15.3303,
-63.9368

■ 147.9870, 12.8244,
-53.4856

■ 153.0700, 10.3185,
-43.0344

■ 158.4520, 7.6652,
-31.9684

■ 163.5350, 5.1592,
-21.5172

■ 168.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



140.4200, -0.7001, -55.6193



121.9740, 25.6488, -106.9712



123.6330, 39.6209, -108.4261

Triad

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



121.9740, 25.6488, -106.9712



160.6260, 20.8904, 19.6220



154.9460, -31.5254, 31.6194

Complementary

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



121.9740, 25.6488, -106.9712



52.0260, -25.6488, 106.9712

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.



156.5320, -23.4333, 49.5224



121.9740, 25.6488, -106.9712



160.0070, 6.4055, 45.5979

Square

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



121.9740, 25.6488, -106.9712



155.8540, 31.6240, -16.5350



158.5340, -9.6303, 55.6597



152.0200, -30.5759, 6.9985

Rectangle

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



121.9740, 25.6488, -106.9712



138.3150, 38.7917, -75.6983



158.5340, -9.6303, 55.6597



155.7450, -29.9473, 38.8116

Sweetspot

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



121.9740, 25.6488, -106.9712



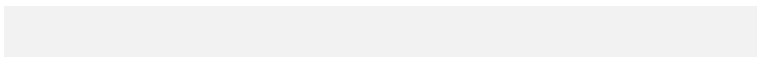
206.6680, 10.0237, -41.8048



102.1380, -50.3540, -89.5750



102.4420, 6.1911, -25.8206



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.9740, 25.6488, -106.9712



159.1270, 33.4614, -139.5544



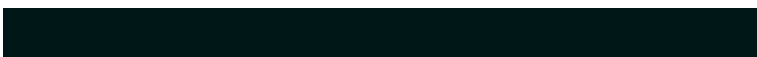
70.9050, 50.8258, -62.1837



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Inverse Universe

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



71.8620, 50.3540, 89.5750



93.7510, 65.6918, 116.8594



103.0950, -50.8258, 62.1837



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 121.9740, 25.6488, -106.9712 looks on a white background.

Color Contrast Check

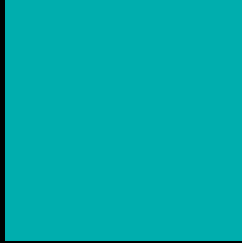
Large Text (above 18pt) WCAG AA × Fail

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 121.9740, 25.6488, -106.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

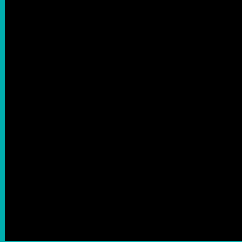
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

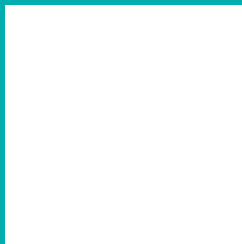
Any Text WCAG AAA ✓ Pass

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

YUV 121.9740, 25.6488, -106.9712 Background



This preview shows how black text looks on a background with the YUV color 121.9740, 25.6488, -106.9712.



This preview shows how white text looks on a background with the YUV color 121.9740, 25.6488, -106.9712.

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



Protanopia

155.5100, 3.1996, 0.4297

Deuteranopia

156.5840, 11.0511, 2.1188

Tritanopia

131.7360, 26.7522, -87.4685

Trichromacy



Protanomaly

143.0320, 11.3232, -38.6161

Deuteranomaly

143.7100, 16.4120, -37.4567

Tritanomaly

128.2790, 26.4845, -94.9607

Monochromacy



Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1630, 9.2866, -38.7310

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9740, 25.6488, -106.9712 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, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 174)  
}
```

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, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 174) }
```

Border

The CSS property to change the border of an element to YUV 121.9740, 25.6488, -106.9712 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, 174, 174) }
```

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

```
.border{ border-color:rgb(0, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
174) }
```


Background

The CSS property to change the background color of an element to YUV 121.9740, 25.6488, -106.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 174) }
```

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

```
.background{ background-color: rgb(0, 174,  
174) }
```

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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