

# Converting Colors

YUV(126.9740, 25.6488,  
-106.9712)

Have a look what the booklet for  
YUV(126.9740, 25.6488, -106.9712)  
contains.

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# Color

**YUV(126.9740, 25.6488,  
-106.9712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05B3B3
RGB	5, 179, 179
RGB Percent	2%, 70%, 70%
CMY	0.9804, 0.2980, 0.2980
CMYK	0.97, 0.00, 0.00, 0.30
HSL	180°, 95%, 36%
HSV	180°, 97%, 70%
XYZ	24.3194, 35.5271, 48.2235
YIQ	126.9740, -103.7040, -36.8880

# Conversions

## Conversions Part 2

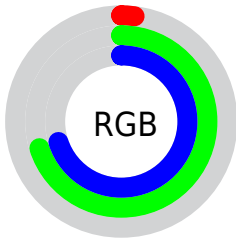
Format	Color
<a href="#">RYB</a>	5, 92, 179
Decimal	373683
CIELab	66.16, -36.70, -10.80
CIELCh	66, 38.256, 196.399
Yxy	35.5271, 0.2250, 0.3287
Android (android.graphics.Color)	4278563763 (0xFF05B3B3)
YUV	126.9740, 25.6488, -106.9712
Hunter-Lab	59.6046, -31.4781, -6.2457

# Details

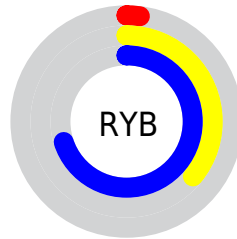
The YUV color **126.9740, 25.6488, -106.9712** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **57.0260, -25.6488, 106.9712**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6350, 19.8999, -82.9949**, and **87.7390, 18.8627, -76.9471** is the 20% darker color. If you saturate the color by 10%, you get **125.4790, 26.3859, -110.0451**, and if you desaturate by 10%, it is **132.3560, 22.9955, -95.9052**.

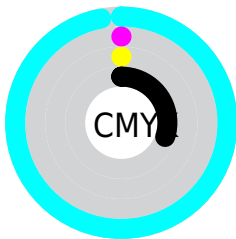
# Distribution



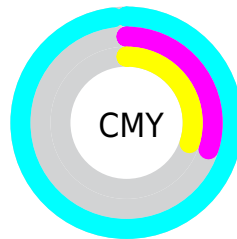
- Red (2%)
- Green (70%)
- Blue (70%)



- Red (2%)
- Yellow (36%)
- Blue (70%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)




- Cyan (98%)
- Magenta (30%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 126.9740, 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 126.9740, 25.6488, -106.9712 by changing the saturation by 10% instead.





 126.9740, 25.6488,  
-106.9712


 126.9740, 25.6488,  
-106.9712


255.0000, 0.0000,  
0.0000


 106.5520, 22.4059,  
-93.4461


 194.6350, 19.8999,  
-82.9949

 87.7390, 18.8627,  
-76.9471

 218.2230, 18.1311,  
-75.6176


 70.2140, 15.1775,  
-61.5777


 227.4920, 13.5614,  
-56.5595

 52.9170, 12.3659,  
-46.4082

 236.4620, 9.1392,  
-38.1162

 36.7940, 8.9756,  
-32.2683

 245.7310, 4.5696,  
-19.0581

 21.9590, 5.4432,  
-19.2580

 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,  
0.0000

■ 126.9740, 25.6488,  
-106.9712

■ 126.9740, 25.6488,  
-106.9712

■ 125.4790, 26.3859,  
-110.0451

■ 132.3560, 22.9955,  
-95.9052

■ 137.7380, 20.3422,  
-84.8392

■ 143.1200, 17.6888,  
-73.7732

■ 148.5020, 15.0355,  
-62.7073

■ 153.8840, 12.3822,  
-51.6413

■ 158.9670, 9.8763,  
-41.1901

■ 164.3490, 7.2229,  
-30.1241

■ 169.7310, 4.5696,  
-19.0581

■ 175.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



144.8220, -0.4052, -56.8489



126.9740, 25.6488, -106.9712



127.2520, 40.7948, -111.6000

# Triad

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



126.9740, 25.6488, -106.9712



165.0390, 21.1798, 20.1368



159.4300, -32.2570, 32.9489

# Complementary

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



126.9740, 25.6488, -106.9712



57.0260, -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.



161.7170, -24.0175, 50.2372



126.9740, 25.6488, -106.9712



165.3060, 6.2581, 46.2126

# Square

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



126.9740, 25.6488, -106.9712



160.6690, 32.2082, -17.2497



163.1320, -9.9251, 56.8892



156.6070, -30.8653, 6.4837



# Rectangle

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



126.9740, 25.6488, -106.9712



142.8310, 39.5233, -77.0278



163.1320, -9.9251, 56.8892



160.2290, -30.6789, 40.1412

# Sweetspot

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



126.9740, 25.6488, -106.9712



211.9670, 9.8763, -41.1901



107.1380, -50.3540, -89.5750



104.7410, 6.0437, -25.2059



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



126.9740, 25.6488, -106.9712



162.6320, 34.1984, -142.6283



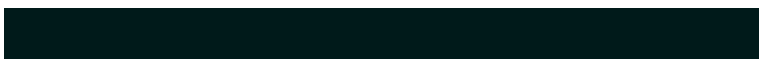
75.9050, 50.8258, -62.1837



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842



# Inverse Universe

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



76.8620, 50.3540, 89.5750



95.8160, 67.1387, 119.4334



108.0950, -50.8258, 62.1837



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642

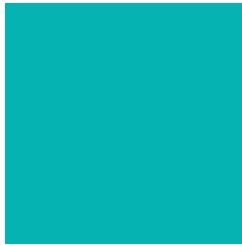


10.7380, 7.5242, 13.3848



# Previews

## White Background



This preview shows how the YUV color 126.9740, 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 126.9740, 25.6488, -106.9712 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

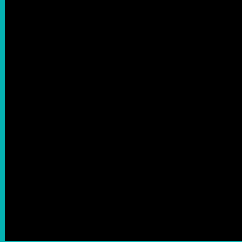
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

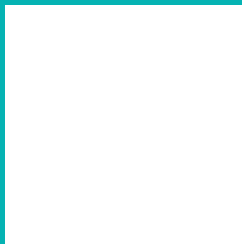
Any Text WCAG AAA ✓ Pass

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

# YUV 126.9740, 25.6488, -106.9712 Background



This preview shows how black text looks on a background with the YUV color 126.9740, 25.6488, -106.9712.



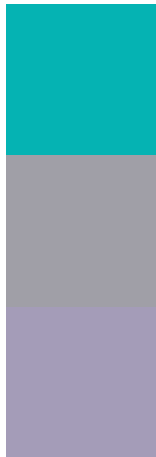
This preview shows how white text looks on a background with the YUV color 126.9740, 25.6488, -106.9712.



# 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



### Original Color

126.9740, 25.6488, -106.9712

### Protanopia

160.2110, 3.3470, -0.1850

### Deuteranopia

161.5840, 11.0511, 2.1188



## Tritanopia

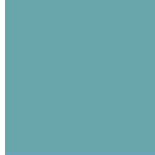
135.5400, 27.3418, -89.9276

# Trichromacy



## Original Color

126.9740, 25.6488, -106.9712



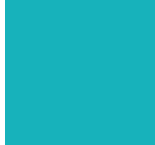
## Protanomaly

148.0320, 11.3232, -38.6161



## Deuteranomaly

148.7100, 16.4120, -37.4567



## Tritanomaly

132.6810, 26.7793, -96.1902

# Monochromacy



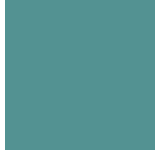
## Original Color

126.9740, 25.6488, -106.9712



## Achromatopsia

127.0000, 0.0000, 0.0000



## Achromatomaly

127.1630, 9.2866, -38.7310

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.9740, 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(5, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(5, 179, 179)  
}
```

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(5, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 179, 179) }
```

## Border

The CSS property to change the border of an element to YUV 126.9740, 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(5, 179, 179) }
```



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

```
.border{ border-color:rgb(5, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(5, 179,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 126.9740, 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(5, 179, 179) }
```

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

```
.background{ background-color: rgb(5, 179,  
179) }
```

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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