

Converting Colors

YUV(126.7740, 22.2964,
-105.0418)

Have a look what the booklet for
YUV(126.7740, 22.2964, -105.0418)
contains.

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Color

**YUV(126.7740, 22.2964,
-105.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	07B3AC
RGB	7, 179, 172
RGB Percent	3%, 70%, 67%
CMY	0.9725, 0.2980, 0.3255
CMYK	0.96, 0.00, 0.04, 0.30
HSL	178°, 92%, 36%
HSV	178°, 96%, 70%
XYZ	23.6541, 35.2639, 44.5896
YIQ	126.7740, -100.2650, -38.6410

Conversions

Conversions Part 2

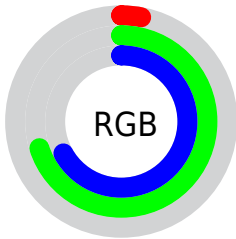
Format	Color
RYB	7, 95, 179
Decimal	504748
CIELab	65.95, -38.74, -7.22
CIELCh	66, 39.412, 190.558
Yxy	35.2639, 0.2285, 0.3407
Android (android.graphics.Color)	4278694828 (0xFF07B3AC)
YUV	126.7740, 22.2964, -105.0418
Hunter-Lab	59.3834, -32.8194, -2.9511

Details

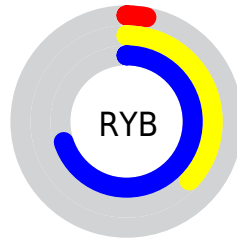
The YUV color **126.7740, 22.2964, -105.0418** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **59.2260, -22.2964, 105.0418**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4240, 16.5530, -82.8098**, and **87.0550, 16.2419, -76.3472** is the 20% darker color. If you saturate the color by 10%, you get **124.6810, 23.3283, -109.3452**, and if you desaturate by 10%, it is **132.2700, 20.0799, -94.0758**.

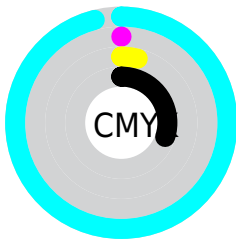
Distribution



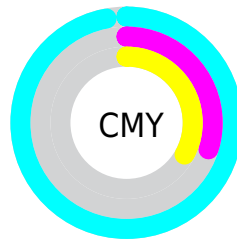
- Red (3%)
- Green (70%)
- Blue (67%)



- Red (3%)
- Yellow (37%)
- Blue (70%)



- Cyan (96%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (97%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7740, 22.2964, -105.0418 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 126.7740, 22.2964, -105.0418 by changing the saturation by 10% instead.

■ 126.7740, 22.2964,
-105.0418

■ 126.7740, 22.2964,
-105.0418

■ 255.0000, 0.0000,
0.0000

■ 105.7540, 19.3483,
-92.7463

■ 193.4240, 16.5530,
-82.8098

■ 87.0550, 16.2419,
-76.3472

■ 217.9240, 18.2785,
-76.2323

■ 69.5300, 12.5567,
-60.9778

■ 227.1930, 13.7089,
-57.1743

■ 52.2330, 9.7451,
-45.8083

■ 236.1630, 9.2866,
-38.7310

■ 35.5230, 6.6442,
-31.1537

■ 245.4320, 4.7170,
-19.6729

■ 20.8020, 3.5486,
-18.2434

■ 254.7010, 0.1474,

■ 0.1140, 0.4368,

-0.6148

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 126.7740, 22.2964,
-105.0418

■ 126.7740, 22.2964,
-105.0418

■ 124.6810, 23.3283,
-109.3452

■ 132.2700, 20.0799,
-94.0758

■ 137.6520, 17.4266,
-83.0098

■ 143.1480, 15.2100,
-72.0438

■ 148.6440, 12.9935,
-61.0778

■ 154.1400, 10.7770,
-50.1118

■ 159.2230, 8.2711,
-39.6606

■ 164.7190, 6.0545,
-28.6946

■ 170.2150, 3.8380,
-17.7286

■ 175.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



145.1170, -4.4947, -51.8456



126.7740, 22.2964, -105.0418



127.2690, 38.3214, -111.6149

Triad

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



126.7740, 22.2964, -105.0418



163.9180, 24.6904, 14.1039



159.1640, -32.1259, 37.5672

Complementary

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



126.7740, 22.2964, -105.0418



59.2260, -22.2964, 105.0418

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.



160.9070, -22.1392, 54.4556



126.7740, 22.2964, -105.0418



164.3210, 10.1947, 43.5685

Square

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



126.7740, 22.2964, -105.0418



158.4120, 35.2929, -26.6713



162.6420, -6.7255, 57.3190



156.3690, -33.2129, 12.8314

Rectangle

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



126.7740, 22.2964, -105.0418



133.0240, 43.3722, -98.2450



162.6420, -6.7255, 57.3190



160.0770, -30.1110, 44.6595

Sweetspot

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



126.7740, 22.2964, -105.0418



211.6250, 8.5659, -40.8901



110.6550, -51.1019, -83.0124



104.6270, 5.6069, -25.1059



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.



126.7740, 22.2964, -105.0418



161.6060, 30.2672, -141.7285



82.3730, 47.6371, -66.1021



86.3090, 1.3267, -5.5330



106.5690, 19.9325, -93.4610



17.9980, 2.9590, -15.7842

Inverse Universe

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



59.2260, -22.2964, 105.0418



70.3940, -30.2672, 141.7285



103.6270, -47.6371, 66.1021



82.8050, -0.8899, 5.4330



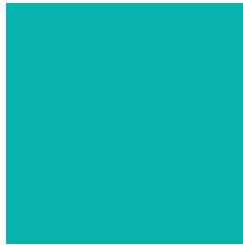
46.4310, -19.9325, 93.4610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 126.7740, 22.2964, -105.0418 looks on a white background.

Color Contrast Check

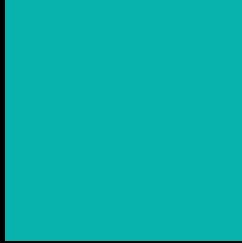
Large Text (above 18pt) WCAG AA × Fail

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 126.7740, 22.2964, -105.0418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

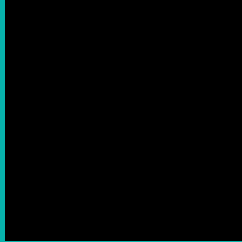
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

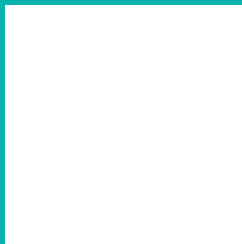
Any Text WCAG AAA ✓ Pass

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

YUV 126.7740, 22.2964, -105.0418 Background



This preview shows how black text looks on a background with the YUV color 126.7740, 22.2964, -105.0418.

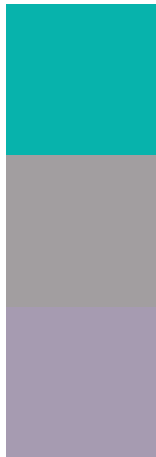


This preview shows how white text looks on a background with the YUV color 126.7740, 22.2964, -105.0418.

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

126.7740, 22.2964, -105.0418

Protanopia

159.4240, 0.2840, 2.2592

Deuteranopia

160.7970, 7.9881, 4.5630



Tritanopia

136.7470, 26.7467, -85.7241

Trichromacy



Original Color

126.7740, 22.2964, -105.0418

Protanomaly

147.8320, 7.9708, -36.6867

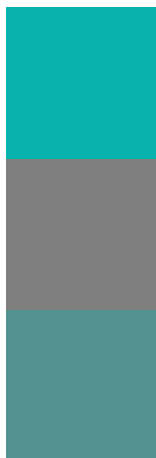
Deuteranomaly

148.5100, 13.0596, -35.5273

Tritanomaly

132.9480, 25.1686, -92.9164

Monochromacy



Original Color

126.7740, 22.2964, -105.0418

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8210, 7.9762, -38.4310

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7740, 22.2964, -105.0418 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(7, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(7, 179, 172)  
}
```

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(7, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 179, 172) }
```

Border

The CSS property to change the border of an element to YUV 126.7740, 22.2964, -105.0418 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(7, 179, 172) }
```


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

```
.border{ border-color:rgb(7, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(7, 179,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 126.7740, 22.2964, -105.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 179, 172) }
```

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

```
.background{ background-color: rgb(7, 179,  
172) }
```

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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