

Converting Colors

YUV(128.4500, 33.7951,
-106.5117)

Have a look what the booklet for
YUV(128.4500, 33.7951, -106.5117)
contains.

YUV(128.4500, 33.7951, -106.5117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(128.4500, 33.7951,
-106.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	07B1C5
RGB	7, 177, 197
RGB Percent	3%, 69%, 77%
CMY	0.9725, 0.3059, 0.2275
CMYK	0.96, 0.10, 0.00, 0.23
HSL	186°, 93%, 40%
HSV	186°, 96%, 77%
XYZ	25.8878, 35.5207, 58.3151
YIQ	128.4500, -107.7400, -29.8200

Conversions

Conversions Part 2

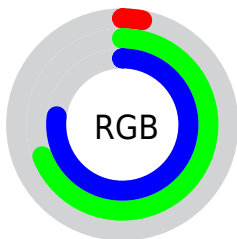
Format	Color
RYB	7, 97, 197
Decimal	504261
CIELab	66.15, -30.00, -20.78
CIELCh	66, 36.489, 214.709
Yxy	35.5207, 0.2162, 0.2967
Android (android.graphics.Color)	4278694341 (0xFF07B1C5)
YUV	128.4500, 33.7951, -106.5117
Hunter-Lab	59.5992, -26.7645, -16.2931

Details

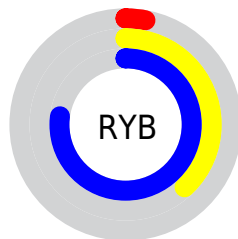
The YUV color **128.4500, 33.7951, -106.5117** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **75.5500, -33.7951, 106.5117**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5240, 28.3357, -82.0205**, and **89.0900, 26.5776, -78.1319** is the 20% darker color. If you saturate the color by 10%, you get **125.7700, 35.1164, -110.3003**, and if you desaturate by 10%, it is **135.6040, 30.2682, -95.2457**.

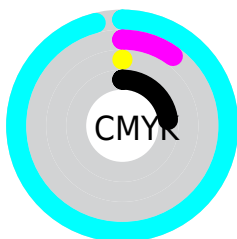
Distribution



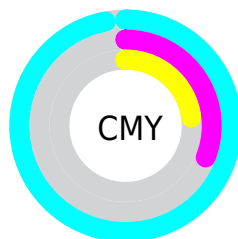
- Red (3%)
- Green (69%)
- Blue (77%)



- Red (3%)
- Yellow (38%)
- Blue (77%)



- Cyan (96%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4500, 33.7951, -106.5117 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 128.4500, 33.7951, -106.5117 by changing the saturation by 10% instead.

128.4500, 33.7951,
-106.5117

128.4500, 33.7951,
-106.5117

255.0000, 0.0000,
0.0000

107.4300, 30.8470,
-94.2161

196.5240, 28.3357,
-82.0205

89.0900, 26.5776,
-78.1319

219.1200, 17.6888,
-73.7732

71.5650, 22.8925,
-62.7625

228.3890, 13.1192,
-54.7152

54.0400, 19.2073,
-47.3931

237.6580, 8.5496,
-35.6571

37.8030, 15.3801,
-33.1532

246.6280, 4.1274,
-17.2138

23.5550, 11.5584,
-20.6577

3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 128.4500, 33.7951,
-106.5117

■ 128.4500, 33.7951,
-106.5117

■ 125.7700, 35.1164,
-110.3003

■ 135.6040, 30.2682,
-95.2457

■ 142.4590, 26.8887,
-84.5945

■ 149.6130, 23.3618,
-73.3286

■ 156.7670, 19.8349,
-62.0627

■ 163.9210, 16.3079,
-50.7967

■ 170.7760, 12.9284,
-40.1456

■ 178.5170, 9.1121,
-29.3944

■ 185.6710, 5.5852,
-18.1285

■ 192.5260, 2.2057,
-7.4773

Harmonies

Analogous

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



140.0400, 12.3053, -73.7031



128.4500, 33.7951, -106.5117



144.4680, 36.7443, -72.3244

Triad

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



128.4500, 33.7951, -106.5117



165.3200, 11.6742, 35.6764



158.2600, -31.1872, 16.4350

Complementary

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



128.4500, 33.7951, -106.5117



75.5500, -33.7951, 106.5117

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.



160.3860, -28.7843, 39.1265



128.4500, 33.7951, -106.5117



163.8200, -3.3623, 51.9009

Square

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



128.4500, 33.7951, -106.5117



163.6890, 25.2963, 6.4117



162.2210, -18.3500, 52.4262



154.3320, -23.8277, -10.8152

Rectangle

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



128.4500, 33.7951, -106.5117



154.0030, 35.4945, -44.7296



162.2210, -18.3500, 52.4262



159.2010, -31.6511, 25.2567

Sweetspot

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



128.4500, 33.7951, -106.5117



228.1780, 13.2232, -41.3751



120.6960, -46.6851, -99.7114



111.6100, 8.0803, -25.0910



0.0000, 0.0000, 0.0000



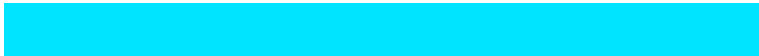
128.0000, 0.0000, 0.0000

Same Dimension

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



128.4500, 33.7951, -106.5117



162.9060, 45.4023, -142.8686



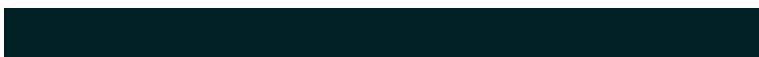
73.2720, 60.9979, -58.1205



95.7220, 1.6161, -5.0182



104.2840, 28.9470, -91.4571



22.8880, 6.4642, -20.0728

Inverse Universe

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



83.1900, 46.2483, 99.8114



102.2370, 62.0012, 133.9732



130.7280, -60.9979, 58.1205



93.6030, 2.1677, 4.7332



65.3810, 39.7452, 85.6119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 128.4500, 33.7951, -106.5117 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 128.4500, 33.7951, -106.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

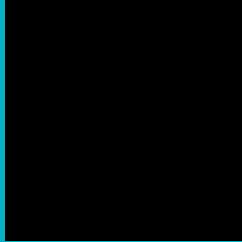
Any Text WCAG AA ✓ Pass

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 128.4500, 33.7951, -106.5117 Background



This preview shows how black text looks on a background with the YUV color 128.4500, 33.7951, -106.5117.



This preview shows how white text looks on a background with the YUV color 128.4500, 33.7951, -106.5117.

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

128.4500, 33.7951, -106.5117

Protanopia

160.0670, 11.7990, -4.4438

Deuteranopia

160.9340, 20.2455, -6.9581



Tritanopia

126.3740, 32.3536, -110.8300

Trichromacy



Original Color

128.4500, 33.7951, -106.5117

Protanomaly

148.6000, 19.9172, -41.7452

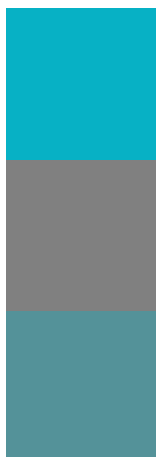
Deuteranomaly

148.9680, 25.1588, -42.9449

Tritanomaly

127.4990, 32.7850, -109.1856

Monochromacy



Original Color

128.4500, 33.7951, -106.5117

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2600, 12.1968, -38.8160

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4500, 33.7951, -106.5117 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, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(7, 177, 197)  
}
```

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, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 177, 197) }
```

Border

The CSS property to change the border of an element to YUV 128.4500, 33.7951, -106.5117 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, 177, 197) }
```


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

```
.border{ border-color:rgb(7, 177, 197) }
```

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

Here you see how a box with a 4 pixel rgb(7, 177, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(7, 177,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 128.4500, 33.7951, -106.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 177, 197) }
```

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

```
.background{ background-color: rgb(7, 177,  
197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor