

Converting Colors

YUV(117.4500, 37.2462,
-93.3566)

Have a look what the booklet for
YUV(117.4500, 37.2462, -93.3566)
contains.

YUV(117.4500, 37.2462, -93.3566)	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(117.4500, 37.2462,
-93.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	0B9DC1
RGB	11, 157, 193
RGB Percent	4%, 62%, 76%
CMY	0.9569, 0.3843, 0.2431
CMYK	0.94, 0.19, 0.00, 0.24
HSL	192°, 89%, 40%
HSV	192°, 94%, 76%
XYZ	21.8206, 28.0353, 54.7134
YIQ	117.4500, -98.5720, -19.7560

Conversions

Conversions Part 2

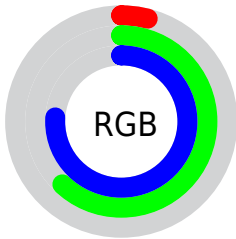
Format	Color
R _Y B	11, 92, 193
Decimal	761281
CIE Lab	59.92, -21.09, -28.11
CIE LCh	60, 35.136, 233.122
Yxy	28.0353, 0.2087, 0.2681
Android (android.graphics.Color)	4278951361 (0xFF0B9DC1)
YUV	117.4500, 37.2462, -93.3566
Hunter-Lab	52.9484, -19.0979, -24.2025

Details

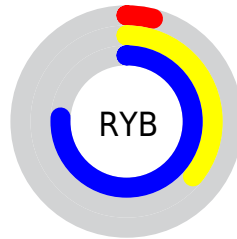
The YUV color **117.4500, 37.2462, -93.3566** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **86.5500, -37.2462, 93.3567**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8440, 33.1079, -72.6542**, and **77.4810, 30.3289, -67.9508** is the 20% darker color. If you saturate the color by 10%, you get **112.9870, 39.4464, -99.0896**, and if you desaturate by 10%, it is **125.4790, 33.2879, -83.7351**.

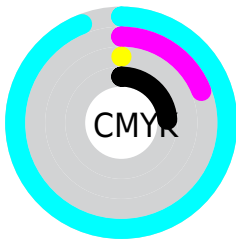
Distribution



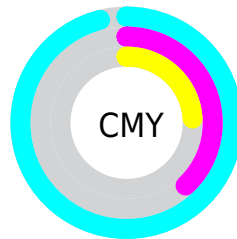
- Red (4%)
- Green (62%)
- Blue (76%)



- Red (4%)
- Yellow (36%)
- Blue (76%)



- Cyan (94%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4500, 37.2462, -93.3566 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 117.4500, 37.2462, -93.3566 by changing the saturation by 10% instead.

■ 117.4500, 37.2462,
-93.3566

■ 117.4500, 37.2462,
-93.3566

■ 255.0000, 0.0000,
0.0000

■ 95.8210, 34.5982,
-84.0350

■ 182.8440, 33.1079,
-72.6542

■ 77.4810, 30.3289,
-67.9508

■ 209.4180, 22.4719,
-67.8956

■ 60.5430, 26.3543,
-53.0962

■ 227.1930, 13.7089,
-57.1743

■ 44.1920, 22.0903,
-38.7564

■ 236.4620, 9.1392,
-38.1162

■ 28.5420, 17.9738,
-25.0313

■ 245.4320, 4.7170,
-19.6729

■ 6.6630, 17.9141,
-5.8435

■ 254.7010, 0.1474,

■ 3.0950, 9.3202,

-0.6148

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 117.4500, 37.2462,
-93.3566

■ 117.4500, 37.2462,
-93.3566

■ 112.9870, 39.4464,
-99.0896

■ 125.4790, 33.2879,
-83.7351

■ 133.8070, 29.1821,
-73.4987

■ 141.2490, 25.5132,
-63.3624

■ 149.2780, 21.5549,
-53.7408

■ 157.3070, 17.5966,
-44.1192

■ 165.6350, 13.4909,
-33.8829

■ 173.6640, 9.5326,
-24.2613

■ 181.6930, 5.5744,
-14.6398

■ 189.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



113.6590, 26.7901, -99.6789



117.4500, 37.2462, -93.3566



136.8350, 33.6053, -45.4593

Triad

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



117.4500, 37.2462, -93.3566



147.9700, 2.4798, 44.7533



139.7140, -26.4810, 0.2508

Complementary

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



117.4500, 37.2462, -93.3566



86.5500, -37.2462, 93.3567

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.



142.7710, -29.4671, 24.7568



117.4500, 37.2462, -93.3566



145.9310, -11.7980, 50.9265

Square

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



117.4500, 37.2462, -93.3566



148.5080, 16.5116, 24.1105



144.6730, -23.9958, 43.2598



135.3390, -14.4641, -27.4843

Rectangle

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



117.4500, 37.2462, -93.3566



143.3760, 29.8876, -19.6238



144.6730, -23.9958, 43.2598



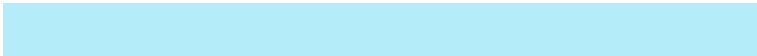
140.9000, -28.5447, 8.8577

Sweetspot

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



117.4500, 37.2462, -93.3566



220.8520, 14.3700, -35.8272



121.5960, -38.2548, -96.9927



107.4470, 8.6536, -22.3170



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



117.4500, 37.2462, -93.3566



145.9000, 51.3213, -127.9543



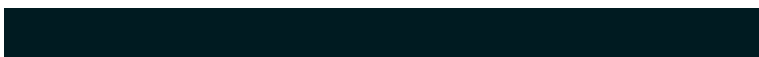
65.7940, 62.7126, -48.0543



92.8360, 2.0529, -5.1182



94.0770, 32.9930, -82.5055



19.6110, 6.6008, -17.1988

Inverse Universe

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



82.0620, 36.9444, 97.2926



97.5500, 50.5078, 133.6986



138.2060, -62.7126, 48.0543



90.9020, 2.0203, 5.3479



62.8450, 32.6144, 86.0819



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 117.4500, 37.2462, -93.3566 looks on a white background.

Color Contrast Check

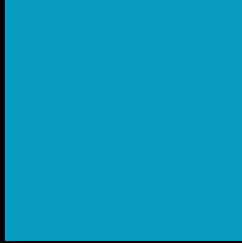
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4500, 37.2462, -93.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

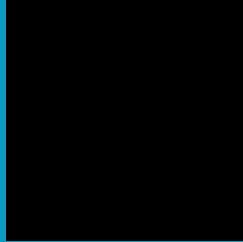
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.4500, 37.2462, -93.3566 Background



This preview shows how black text looks on a background with the YUV color 117.4500, 37.2462, -93.3566.

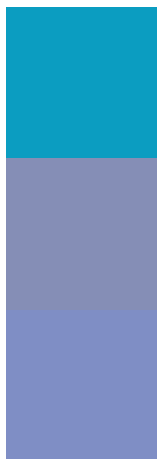


This preview shows how white text looks on a background with the YUV color 117.4500, 37.2462, -93.3566.

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

117.4500, 37.2462, -93.3566

Protanopia

143.8690, 18.7986, -9.5321

Deuteranopia

143.7850, 26.2350, -14.7204



Tritanopia

113.5280, 28.8267, -99.5641

Trichromacy



Original Color

117.4500, 37.2462, -93.3566

Protanomaly

134.1040, 25.5847, -39.5562

Deuteranomaly

134.0480, 30.5423, -43.0151

Tritanomaly

115.0490, 32.0208, -97.3900

Monochromacy



Original Color

117.4500, 37.2462, -93.3566

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3360, 13.6384, -34.4977

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4500, 37.2462, -93.3566 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(11, 157, 193)` looks like.

```
.text, #text, p{  
    color:rgb(11, 157, 193)  
}
```

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(11, 157, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 157, 193) }
```

Border

The CSS property to change the border of an element to YUV 117.4500, 37.2462, -93.3566 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

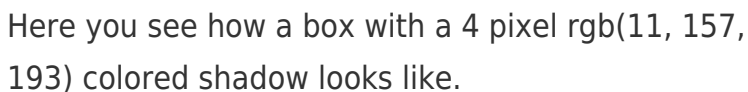
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 157, 193) }
```


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

```
.border{ border-color:rgb(11, 157, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(11, 157, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 157, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 157, 193);  
box-shadow:4px 4px 4px 4px rgb(11, 157,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 117.4500, 37.2462, -93.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 157, 193) }
```

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

```
.background{ background-color: rgb(11, 157,  
193) }
```

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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