

Converting Colors

YUV(118.6560, 38.1306,
-97.0453)

Have a look what the booklet for
YUV(118.6560, 38.1306, -97.0453)
contains.

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Color

**YUV(118.6560, 38.1306,
-97.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	08A0C4
RGB	8, 160, 196
RGB Percent	3%, 63%, 77%
CMY	0.9686, 0.3725, 0.2314
CMYK	0.96, 0.18, 0.00, 0.23
HSL	191°, 92%, 40%
HSV	191°, 96%, 77%
XYZ	22.6348, 29.1788, 56.6636
YIQ	118.6560, -102.1480, -21.0280

Conversions

Conversions Part 2

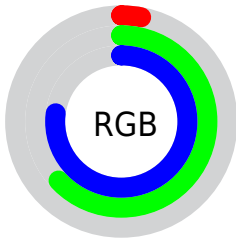
Format	Color
RYB	8, 92, 196
Decimal	565444
CIELab	60.94, -21.71, -28.22
CIELCh	61, 35.605, 232.421
Yxy	29.1788, 0.2087, 0.2690
Android (android.graphics.Color)	4278755524 (0xFF08A0C4)
YUV	118.6560, 38.1306, -97.0453
Hunter-Lab	54.0174, -19.7340, -24.3824

Details

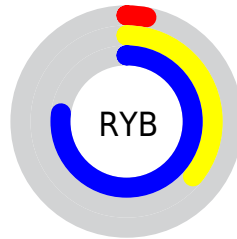
The YUV color **118.6560, 38.1306, -97.0453** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **85.3440, -38.1306, 97.0453**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9470, 33.5501, -74.4985**, and **79.5840, 30.7711, -69.7952** is the 20% darker color. If you saturate the color by 10%, you get **115.0900, 39.8886, -100.9339**, and if you desaturate by 10%, it is **126.9840, 34.0249, -86.8090**.

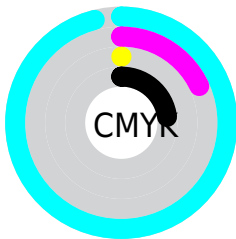
Distribution



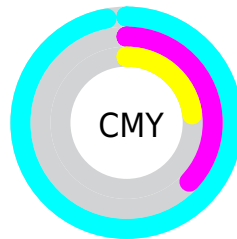
- Red (3%)
- Green (63%)
- Blue (77%)



- Red (3%)
- Yellow (36%)
- Blue (77%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.6560, 38.1306, -97.0453 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 118.6560, 38.1306, -97.0453 by changing the saturation by 10% instead.

■ 118.6560, 38.1306,
-97.0453

■ 118.6560, 38.1306,
-97.0453

■ 255.0000, 0.0000,
0.0000

■ 97.9240, 35.0405,
-85.8793

■ 184.9470, 33.5501,
-74.4985

■ 79.5840, 30.7711,
-69.7952

■ 211.1790, 21.6038,
-69.4400

■ 62.5320, 26.3597,
-54.8406

■ 227.4920, 13.5614,
-56.5595

■ 45.7080, 22.8220,
-40.0859

■ 236.7610, 8.9918,
-37.5014

■ 30.0580, 18.7054,
-26.3609

■ 245.7310, 4.5696,
-19.0581

■ 11.1140, 17.1988,
-9.7470

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 118.6560, 38.1306,
-97.0453

■ 118.6560, 38.1306,
-97.0453

■ 115.0900, 39.8886,
-100.9339

■ 126.9840, 34.0249,
-86.8090

■ 135.0130, 30.0666,
-77.1874

■ 142.7540, 26.2503,
-66.4363

■ 150.7830, 22.2920,
-56.8147

■ 159.1110, 18.1863,
-46.5783

■ 167.4390, 14.0806,
-36.3420

■ 174.8810, 10.4117,
-26.2056

■ 183.2090, 6.3060,
-15.9693

■ 191.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



115.0610, 27.0849, -100.9085



118.6560, 38.1306, -97.0453



139.0520, 34.4844, -47.4036

Triad

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



118.6560, 38.1306, -97.0453



150.3830, 2.7692, 45.2681



142.3120, -26.7758, 1.4804

Complementary

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



118.6560, 38.1306, -97.0453



85.3440, -38.1306, 97.0453

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.



145.2550, -30.1987, 26.0864



118.6560, 38.1306, -97.0453



149.2300, -11.9454, 51.5413

Square

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



118.6560, 38.1306, -97.0453



151.0350, 17.2377, 24.5253



146.9720, -24.1432, 43.8746



138.2250, -14.9009, -27.3843

Rectangle

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



118.6560, 38.1306, -97.0453



145.8920, 30.6192, -20.9533



146.9720, -24.1432, 43.8746



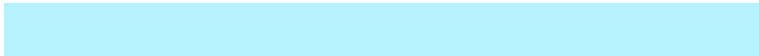
143.4980, -28.8395, 10.0873

Sweetspot

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



118.6560, 38.1306, -97.0453



224.6560, 14.9596, -38.2863



122.2320, -39.5544, -100.1815



109.2620, 9.2378, -23.0318



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.



118.6560, 38.1306, -97.0453



149.9920, 51.7689, -131.5430



64.6520, 64.7546, -49.6838



92.8360, 2.0529, -5.1182



94.6640, 32.7036, -83.0203



19.6110, 6.6008, -17.1988

Inverse Universe

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



81.5400, 38.6808, 100.3814



99.7290, 52.3916, 136.1727



139.3480, -64.7546, 49.6838



90.9020, 2.0203, 5.3479



62.9590, 33.0512, 85.9820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 118.6560, 38.1306, -97.0453 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 118.6560, 38.1306, -97.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

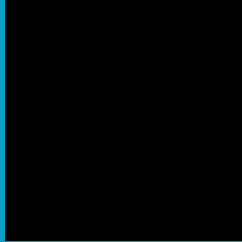
Any Text WCAG AA ✓ Pass

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 118.6560, 38.1306, -97.0453 Background



This preview shows how black text looks on a background with the YUV color 118.6560, 38.1306, -97.0453.

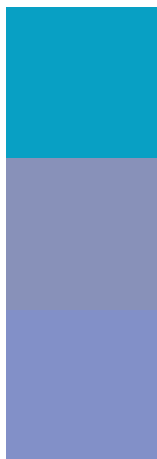


This preview shows how white text looks on a background with the YUV color 118.6560, 38.1306, -97.0453.

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

118.6560, 38.1306, -97.0453

Protanopia

146.8690, 18.7986, -9.5321

Deuteranopia

146.1980, 26.5244, -14.2056



Tritanopia

115.6310, 29.2689, -101.4084

Trichromacy



Original Color

118.6560, 38.1306, -97.0453

Protanomaly

136.2070, 26.0269, -41.4005

Deuteranomaly

136.4500, 30.8372, -44.2446

Tritanomaly

116.8530, 32.6105, -99.8491

Monochromacy



Original Color

118.6560, 38.1306, -97.0453

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0370, 13.7858, -35.1124

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.6560, 38.1306, -97.0453 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(8, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(8, 160, 196)  
}
```

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(8, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 160, 196) }
```

Border

The CSS property to change the border of an element to YUV 118.6560, 38.1306, -97.0453 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(8, 160, 196) }
```


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

```
.border{ border-color:rgb(8, 160, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 160, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(8, 160,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 118.6560, 38.1306, -97.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 160, 196) }
```

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

```
.background{ background-color: rgb(8, 160,  
196) }
```

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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