

Converting Colors

YUV(130.3130, 38.2997,
-104.6375)

Have a look what the booklet for
YUV(130.3130, 38.2997, -104.6375)
contains.

YUV(130.3130, 38.2997, -104.6375)	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(130.3130, 38.2997,
-104.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	0BB0D0
RGB	11, 176, 208
RGB Percent	4%, 69%, 82%
CMY	0.9569, 0.3098, 0.1843
CMYK	0.95, 0.15, 0.00, 0.18
HSL	190°, 90%, 43%
HSV	190°, 95%, 82%
XYZ	27.0485, 35.6759, 65.1350
YIQ	130.3130, -108.6120, -25.0280

Conversions

Conversions Part 2

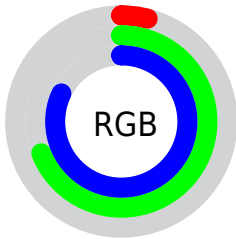
Format	Color
RYB	11, 101, 208
Decimal	766160
CIELab	66.27, -25.74, -26.67
CIELCh	66, 37.065, 226.020
Yxy	35.6759, 0.2115, 0.2790
Android (android.graphics.Color)	4278956240 (0xFF0BB0D0)
YUV	130.3130, 38.2997, -104.6375
Hunter-Lab	59.7293, -23.6922, -22.8455

Details

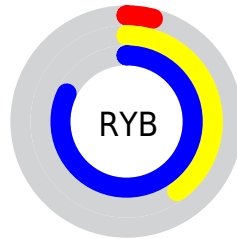
The YUV color **130.3130, 38.2997, -104.6375** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **88.6870, -38.2997, 104.6375**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6490, 28.7670, -80.3762**, and **89.7570, 31.6718, -78.7169** is the 20% darker color. If you saturate the color by 10%, you get **125.8500, 40.5000, -110.3704**, and if you desaturate by 10%, it is **138.3530, 34.3360, -93.2716**.

Distribution



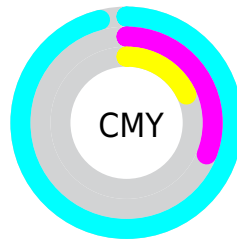
- Red (4%)
- Green (69%)
- Blue (82%)



- Red (4%)
- Yellow (40%)
- Blue (82%)



- Cyan (95%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.3130, 38.2997, -104.6375 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 130.3130, 38.2997, -104.6375 by changing the saturation by 10% instead.

■ 130.3130, 38.2997,
-104.6375

■ 130.3130, 38.2997,
-104.6375

■ 255.0000, 0.0000,
0.0000

■ 107.9830, 35.5044,
-94.7011

■ 196.6490, 28.7670,
-80.3762

■ 89.7570, 31.6718,
-78.7169

■ 219.7180, 17.3940,
-72.5437

■ 72.0040, 27.1130,
-63.1475

■ 229.2860, 12.6770,
-52.8708

■ 55.0660, 23.1385,
-48.2929

■ 238.5550, 8.1074,
-33.8127

■ 38.8290, 19.3113,
-34.0530

■ 247.8240, 3.5378,
-14.7546

■ 25.0540, 14.7634,
-21.9724

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 130.3130, 38.2997,
-104.6375

■ 130.3130, 38.2997,
-104.6375

■ 125.8500, 40.5000,
-110.3704

■ 138.3530, 34.3360,
-93.2716

■ 146.9800, 30.0829,
-82.4205

■ 154.7210, 26.2665,
-71.6693

■ 163.3480, 22.0134,
-60.8182

■ 171.3880, 18.0497,
-49.4523

■ 179.4280, 14.0860,
-38.0864

■ 188.0550, 9.8329,
-27.2352

■ 195.7960, 6.0166,
-16.4841

■ 203.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



134.3350, 21.5268, -91.5018



130.3130, 38.2997, -104.6375



149.9690, 36.9903, -57.8548

Triad

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



130.3130, 38.2997, -104.6375



165.2950, 6.2636, 44.4683



157.1340, -30.1391, 6.8985

Complementary

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



130.3130, 38.2997, -104.6375



88.6870, -38.2997, 104.6375

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.



160.3590, -31.2360, 32.1342



130.3130, 38.2997, -104.6375



163.8220, -9.7722, 54.5301

Square

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



130.3130, 38.2997, -104.6375



165.3270, 21.0378, 19.0072



161.6460, -22.9965, 49.4225



152.8190, -19.1378, -21.7663

Rectangle

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



130.3130, 38.2997, -104.6375



157.7490, 34.1407, -30.4749



161.6460, -22.9965, 49.4225



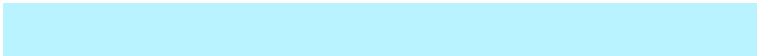
157.8470, -31.4766, 15.9202

Sweetspot

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



130.3130, 38.2997, -104.6375



226.7270, 13.9386, -37.4716



130.0590, -43.9061, -104.4147



110.1480, 8.8010, -22.9318



0.0000, 0.0000, 0.0000



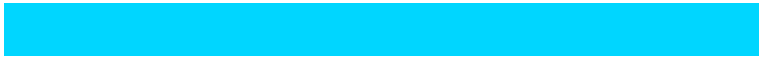
128.0000, 0.0000, 0.0000

Same Dimension

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



130.3130, 38.2997, -104.6375



154.6880, 49.4538, -135.6614



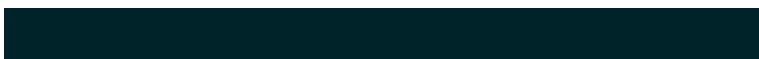
73.9610, 66.0812, -55.2168



100.5370, 2.2003, -5.7329



101.9190, 32.5779, -89.3830



24.6320, 8.0694, -21.6023

Inverse Universe

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



88.7130, 43.0325, 104.6147



100.6410, 55.8860, 135.3728



145.0390, -66.0812, 55.2168



98.3150, 2.3097, 5.8627



66.3060, 36.8241, 89.1856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 130.3130, 38.2997, -104.6375 looks on a white background.

Color Contrast Check

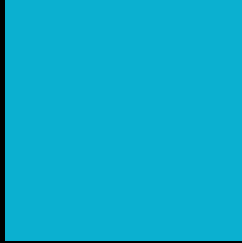
Large Text (above 18pt) WCAG AA × Fail

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 130.3130, 38.2997, -104.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

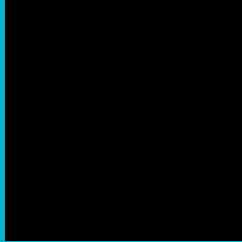
Any Text WCAG AA ✓ Pass

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 130.3130, 38.2997, -104.6375 Background



This preview shows how black text looks on a background with the YUV color 130.3130, 38.2997, -104.6375.

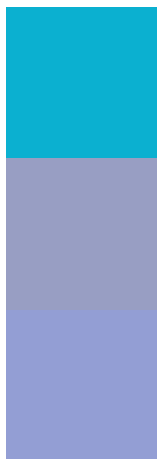


This preview shows how white text looks on a background with the YUV color 130.3130, 38.2997, -104.6375.

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

130.3130, 38.2997, -104.6375

Protanopia

160.4240, 17.0460, -7.3878

Deuteranopia

160.8670, 25.2086, -12.1614



Tritanopia

126.3740, 32.3536, -110.8300

Trichromacy



Original Color

130.3130, 38.2997, -104.6375

Protanomaly

149.8540, 24.7220, -42.8450

Deuteranomaly

150.2110, 29.9690, -45.7890

Tritanomaly

127.6670, 34.6742, -108.4560

Monochromacy



Original Color

130.3130, 38.2997, -104.6375

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.3140, 13.6492, -37.9864

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3130, 38.2997, -104.6375 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, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(11, 176, 208)  
}
```

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, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 176, 208) }
```

Border

The CSS property to change the border of an element to YUV 130.3130, 38.2997, -104.6375 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, 176, 208) }
```


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

```
.border{ border-color:rgb(11, 176, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 176, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 176, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 176, 208);  
box-shadow:4px 4px 4px 4px rgb(11, 176,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 130.3130, 38.2997, -104.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 176, 208) }
```

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

```
.background{ background-color: rgb(11, 176,  
208) }
```

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