

Converting Colors

YUV(110.1830, 38.8568,
-96.6305)

Have a look what the booklet for
YUV(110.1830, 38.8568, -96.6305)
contains.

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Color

**YUV(110.1830, 38.8568,
-96.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	0097BD
RGB	0, 151, 189
RGB Percent	0%, 59%, 74%
CMY	1.0000, 0.4078, 0.2588
CMYK	1.00, 0.20, 0.00, 0.26
HSL	192°, 100%, 37%
HSV	192°, 100%, 74%
XYZ	20.2519, 25.8073, 52.0580
YIQ	110.1830, -102.1940, -20.1940

Conversions

Conversions Part 2

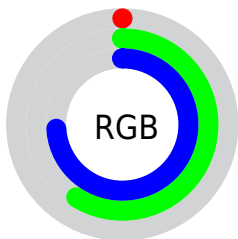
Format	Color
RYB	0, 84, 189
Decimal	38845
CIELab	57.85, -19.70, -29.05
CIElCh	58, 35.102, 235.866
Yxy	25.8073, 0.2064, 0.2630
Android (android.graphics.Color)	4278228925 (0xFF0097BD)
YUV	110.1830, 38.8568, -96.6305
Hunter-Lab	50.8009, -17.7421, -25.1965

Details

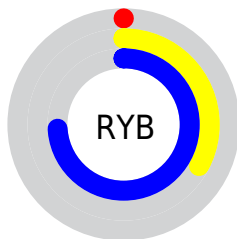
The YUV color **110.1830, 38.8568, -96.6305** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **78.8170, -38.8568, 96.6305**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2680, 33.3919, -70.3950**, and **74.2040, 30.4654, -65.0769** is the 20% darker color. If you saturate the color by 10%, you get **110.1830, 38.8568, -96.6305**, and if you desaturate by 10%, it is **118.2120, 34.8985, -87.0089**.

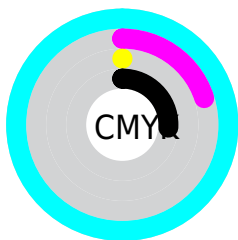
Distribution



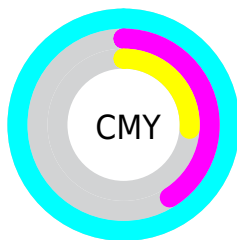
- Red (0%)
- Green (59%)
- Blue (74%)



- Red (0%)
- Yellow (33%)
- Blue (74%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1830, 38.8568, -96.6305 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 110.1830, 38.8568, -96.6305 by changing the saturation by 10% instead.

■ 110.1830, 38.8568,
-96.6305

■ 110.1830, 38.8568,
-96.6305

■ 255.0000, 0.0000,
0.0000

■ 91.8430, 34.5874,
-80.5463

■ 177.2680, 33.3919,
-70.3950

■ 74.2040, 30.4654,
-65.0769

■ 204.7000, 24.7979,
-67.2659

■ 57.1520, 26.0541,
-50.1223

■ 226.2960, 14.1511,
-59.0186

■ 40.8010, 21.7901,
-35.7825

■ 235.2660, 9.7289,
-40.5753

■ 26.4390, 17.5316,
-23.1870

■ 244.2360, 5.3067,
-22.1320

■ 6.3210, 16.6037,
-5.5435

■ 253.5050, 0.7370,

■ 2.6390, 7.5730,

-3.0739

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 110.1830, 38.8568,
-96.6305

■ 118.2120, 34.8985,
-87.0089

■ 126.2410, 30.9402,
-77.3874

■ 133.6830, 27.2713,
-67.2510

■ 141.7120, 23.3130,
-57.6294

■ 149.7410, 19.3547,
-48.0079

■ 157.4710, 15.5438,
-39.0011

■ 165.5000, 11.5855,
-29.3795

■ 172.9420, 7.9166,
-19.2431

■ 180.9710, 3.9583,
-9.6216

Harmonies

Analogous

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



109.7950, 27.2161, -96.2902



110.1830, 38.8568, -96.6305



131.8570, 33.5945, -41.9706

Triad

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



110.1830, 38.8568, -96.6305



142.0410, 1.4588, 45.5680



133.9310, -25.6020, -1.6935

Complementary

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



110.1830, 38.8568, -96.6305



78.8170, -38.8568, 96.6305

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.



137.3470, -29.7511, 22.4977



110.1830, 38.8568, -96.6305



140.8770, -13.2504, 50.0969

Square

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



110.1830, 38.8568, -96.6305



143.4760, 15.0483, 26.7695



139.1350, -24.7166, 41.1006



129.3710, -13.0009, -30.1434

Rectangle

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



110.1830, 38.8568, -96.6305



138.2840, 29.4400, -16.0351



139.1350, -24.7166, 41.1006



135.1170, -27.6657, 6.9134

Sweetspot

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



110.1830, 38.8568, -96.6305



214.0690, 15.2490, -37.7715



115.2750, -38.0966, -101.0962



104.1480, 8.8010, -22.9318



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



110.1830, 38.8568, -96.6305



142.9820, 50.2949, -125.3952



55.0050, 66.0595, -48.2394



90.1350, 1.9054, -4.5034



91.9740, 32.5508, -80.6612



17.6220, 6.5954, -15.4545

Inverse Universe

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



73.7250, 38.0966, 101.0962



95.5990, 49.4977, 131.0247



133.9950, -66.0595, 48.2394



88.4890, 1.7309, 4.8331



61.6060, 31.7462, 84.5375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 110.1830, 38.8568, -96.6305 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 110.1830, 38.8568, -96.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

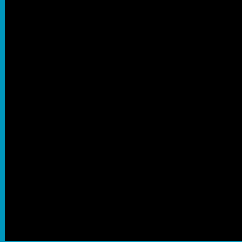
Any Text WCAG AA ✓ Pass

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 110.1830, 38.8568, -96.6305 Background



This preview shows how black text looks on a background with the YUV color 110.1830, 38.8568, -96.6305.



This preview shows how white text looks on a background with the YUV color 110.1830, 38.8568, -96.6305.

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



Protanopia

138.6840, 19.3828, -10.2469

Deuteranopia

138.1870, 26.5298, -15.9500

Tritanopia

109.3220, 27.9423, -95.8754

Trichromacy



Protanomaly

128.3210, 26.4637, -41.5005

Deuteranomaly

127.8520, 31.1320, -45.4742

Tritanomaly

109.6470, 31.7260, -96.1604

Monochromacy



Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1510, 14.2226, -35.2124

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1830, 38.8568, -96.6305 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(0, 151, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 189)  
}
```

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(0, 151, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 189) }
```

Border

The CSS property to change the border of an element to YUV 110.1830, 38.8568, -96.6305 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(0, 151, 189) }
```

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

```
.border{ border-color:rgb(0, 151, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
189) }
```


Background

The CSS property to change the background color of an element to YUV 110.1830, 38.8568, -96.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 189) }
```

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

```
.background{ background-color: rgb(0, 151,  
189) }
```

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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