

Converting Colors

YUV(138.5400, 30.7928,
-76.7726)

Have a look what the booklet for
YUV(138.5400, 30.7928, -76.7726)
contains.

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Color

**YUV(138.5400, 30.7928,
-76.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	33ABC9
RGB	51, 171, 201
RGB Percent	20%, 67%, 79%
CMY	0.8000, 0.3294, 0.2118
CMYK	0.75, 0.15, 0.00, 0.21
HSL	192°, 60%, 49%
HSV	192°, 75%, 79%
XYZ	26.4708, 34.0467, 60.4348
YIQ	138.5400, -81.1500, -16.1100

Conversions

Conversions Part 2

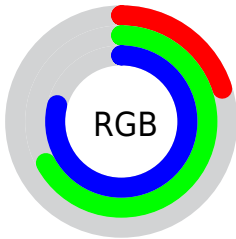
Format	Color
RYB	51, 118, 201
Decimal	3386313
CIELab	65.00, -22.61, -24.71
CIELCh	65, 33.495, 227.535
Yxy	34.0467, 0.2189, 0.2815
Android (android.graphics.Color)	4281576393 (0xFF33ABC9)
YUV	138.5400, 30.7928, -76.7726
Hunter-Lab	58.3495, -21.1336, -20.5643

Details

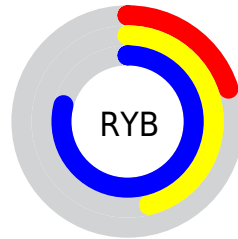
The YUV color **138.5400, 30.7928, -76.7726** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **113.4600, -30.7928, 76.7726**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9000, 28.1503, -69.1953**, and **86.6110, 29.7718, -75.9578** is the 20% darker color. If you saturate the color by 10%, you get **130.2120, 34.8985, -87.0089**, and if you desaturate by 10%, it is **146.8680, 26.6871, -66.5362**.

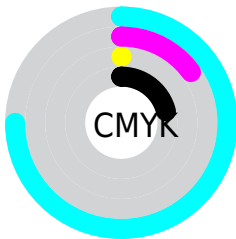
Distribution



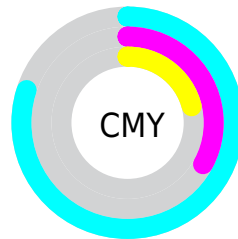
- Red (20%)
- Green (67%)
- Blue (79%)



- Red (20%)
- Yellow (46%)
- Blue (79%)



- Cyan (75%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5400, 30.7928, -76.7726 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 138.5400, 30.7928, -76.7726 by changing the saturation by 10% instead.

■ 138.5400, 30.7928,
-76.7726

■ 138.5400, 30.7928,
-76.7726

■ 255.0000, 0.0000,
0.0000

■ 104.3640, 34.3305,
-91.5272

■ 197.9000, 28.1503,
-69.1953

■ 86.6110, 29.7718,
-75.9578

■ 223.3060, 15.6251,
-65.1664

■ 68.9720, 25.6498,
-60.4884

■ 232.5750, 11.0555,
-46.1083

■ 52.0340, 21.6752,
-45.6338

■ 241.5450, 6.6333,
-27.6650

■ 35.7970, 17.8481,
-31.3940

■ 250.5150, 2.2111,
-9.2217

■ 22.1360, 13.7370,
-19.4133

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 138.5400, 30.7928,
-76.7726

■ 138.5400, 30.7928,
-76.7726

■ 130.2120, 34.8985,
-87.0089

■ 146.8680, 26.6871,
-66.5362

■ 121.8840, 39.0042,
-97.2453

■ 155.1960, 22.5814,
-56.2999

■ 117.4210, 41.2044,
-102.9782

■ 163.5240, 18.4757,
-46.0635

■ 171.8520, 14.3700,
-35.8272

■ 180.4790, 10.1169,
-24.9761

■ 188.8070, 6.0111,
-14.7397

■ 197.1350, 1.9054,
-4.5034

■ 205.4630, -2.2003,
5.7329

■ 213.7910, -6.3060,
15.9693

Harmonies

Analogous

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



137.9350, 18.2730, -74.4880



138.5400, 30.7928, -76.7726



149.2970, 32.8846, -47.6185

Triad

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



138.5400, 30.7928, -76.7726



161.6320, 5.1114, 40.6647



153.7470, -26.4973, 5.4839

Complementary

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



138.5400, 30.7928, -76.7726



113.4600, -30.7928, 76.7726

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.



157.0210, -28.6044, 28.0456



138.5400, 30.7928, -76.7726



160.2020, -9.4666, 49.8118

Square

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



138.5400, 30.7928, -76.7726



161.8170, 17.8382, 18.5775



158.9550, -21.6698, 43.8895



150.1010, -16.8118, -21.1366

Rectangle

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



138.5400, 30.7928, -76.7726



155.7560, 30.1933, -24.3420



158.9550, -21.6698, 43.8895



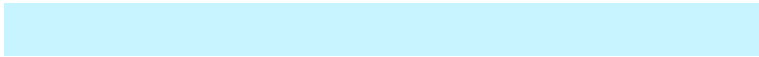
154.7480, -27.9768, 13.3760

Sweetspot

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



138.5400, 30.7928, -76.7726



231.7990, 11.4381, -28.7647



142.4700, -30.3047, -80.2192



113.7250, 7.0376, -17.2988



0.0000, 0.0000, 0.0000



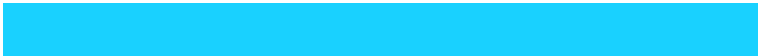
128.0000, 0.0000, 0.0000

Same Dimension

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



138.5400, 30.7928, -76.7726



159.2280, 47.2156, -117.7180



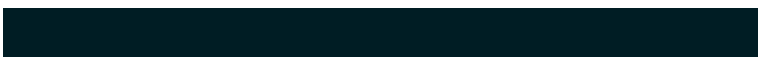
94.5150, 52.4971, -38.1627



95.1350, 1.9054, -4.5034



95.4790, 33.2879, -83.7351



21.1270, 7.3324, -18.5284

Inverse Universe

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



109.5300, 30.3047, 80.2192



114.7460, 46.4672, 123.0028



157.4850, -52.4971, 38.1627



93.4890, 1.7309, 4.8331



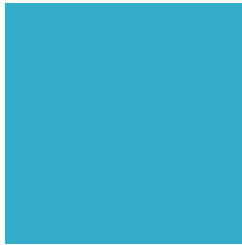
63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 138.5400, 30.7928, -76.7726 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 138.5400, 30.7928, -76.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

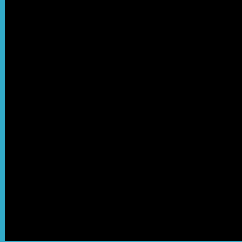
Any Text WCAG AA ✓ Pass

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 138.5400, 30.7928, -76.7726 Background



This preview shows how black text looks on a background with the YUV color 138.5400, 30.7928, -76.7726.

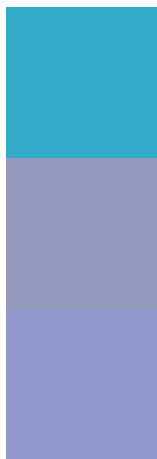


This preview shows how white text looks on a background with the YUV color 138.5400, 30.7928, -76.7726.

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

138.5400, 30.7928, -76.7726

Protanopia

157.1960, 16.1724, -7.1879

Deuteranopia

157.4220, 23.4560, -10.0171



Tritanopia

134.8290, 25.7203, -83.1650

Trichromacy



Original Color

138.5400, 30.7928, -76.7726

Protanomaly

150.4100, 21.4899, -32.8086

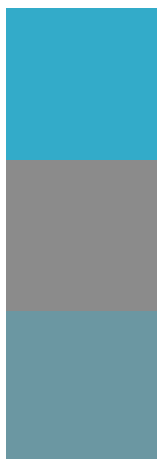
Deuteranomaly

150.3650, 26.4421, -34.5231

Tritanomaly

136.0080, 27.6041, -80.6910

Monochromacy



Original Color

138.5400, 30.7928, -76.7726

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.0980, 11.2907, -28.1499

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5400, 30.7928, -76.7726 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(51, 171, 201)` looks like.

```
.text, #text, p{  
    color:rgb(51, 171, 201)  
}
```

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(51, 171, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 171, 201) }
```

Border

The CSS property to change the border of an element to YUV 138.5400, 30.7928, -76.7726 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(51, 171, 201) }
```


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

```
.border{ border-color:rgb(51, 171, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 171, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 171, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 171, 201);  
box-shadow:4px 4px 4px 4px rgb(51, 171,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 138.5400, 30.7928, -76.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 171, 201) }
```

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

```
.background{ background-color: rgb(51, 171,  
201) }
```

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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