

Converting Colors

YUV(139.2540, 30.9338,
-122.1258)

Have a look what the booklet for
YUV(139.2540, 30.9338, -122.1258)
contains.

YUV(139.2540, 30.9338, -122.1258)	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>	30

Color

**YUV(139.2540, 30.9338,
-122.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	00C6CA
RGB	0, 198, 202
RGB Percent	0%, 78%, 79%
CMY	1.0000, 0.2235, 0.2078
CMYK	1.00, 0.02, 0.00, 0.21
HSL	181°, 100%, 40%
HSV	181°, 100%, 79%
XYZ	30.8548, 44.6524, 62.8697
YIQ	139.2540, -119.2920, -40.7320

Conversions

Conversions Part 2

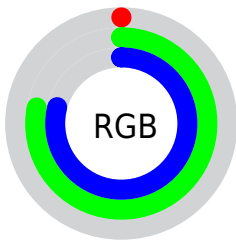
Format	Color
RYB	0, 100, 202
Decimal	50890
CIELab	72.66, -38.53, -13.68
CIELCh	73, 40.885, 199.541
Yxy	44.6524, 0.2230, 0.3227
Android (android.graphics.Color)	4278240970 (0xFF00C6CA)
YUV	139.2540, 30.9338, -122.1258
Hunter-Lab	66.8225, -34.5184, -9.0070

Details

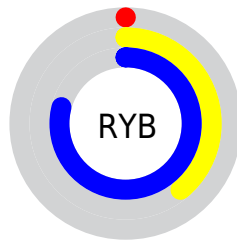
The YUV color **139.2540, 30.9338, -122.1258** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **62.7460, -30.9338, 122.1258**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1500, 22.1110, -92.2166**, and **100.8130, 23.2632, -88.4130** is the 20% darker color. If you saturate the color by 10%, you get **139.2540, 30.9338, -122.1258**, and if you desaturate by 10%, it is **145.2340, 27.9856, -109.8302**.

Distribution



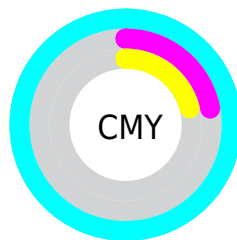
- Red (0%)
- Green (78%)
- Blue (79%)



- Red (0%)
- Yellow (39%)
- Blue (79%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.2540, 30.9338, -122.1258 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 139.2540, 30.9338, -122.1258 by changing the saturation by 10% instead.

■ 139.2540, 30.9338,
-122.1258

■ 139.2540, 30.9338,
-122.1258

■ 255.0000, 0.0000,
0.0000

■ 119.7400, 27.2432,
-105.0120

■ 210.1500, 22.1110,
-92.2166

■ 100.8130, 23.2632,
-88.4130

■ 220.0170, 17.2466,
-71.9289

■ 82.5870, 19.4306,
-72.4288

■ 229.5850, 12.5296,
-52.2560

■ 65.0620, 15.7454,
-57.0594

■ 238.8540, 7.9600,
-33.1980

■ 47.7650, 12.9339,
-41.8899

■ 248.4220, 3.2430,
-13.5251

■ 32.2290, 9.2541,
-28.2648

■ 13.9860, 7.8949,

-12.2657

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 139.2540, 30.9338,
-122.1258

■ 145.2340, 27.9856,
-109.8302

■ 151.8010, 24.7481,
-98.0495

■ 158.0800, 21.6526,
-85.1392

■ 164.6470, 18.4150,
-73.3584

■ 170.6270, 15.4669,
-61.0629

■ 176.6070, 12.5187,
-48.7673

■ 183.1740, 9.2812,
-36.9866

■ 189.4530, 6.1857,
-24.0763

■ 196.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



159.6360, 1.6585, -65.4558



139.2540, 30.9338, -122.1258



140.5540, 46.0689, -123.2659

Triad

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



139.2540, 30.9338, -122.1258



183.1860, 21.6003, 25.2699



176.8060, -35.8934, 32.6191

Complementary

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



139.2540, 30.9338, -122.1258



62.7460, -30.9338, 122.1258

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.



179.1150, -27.6647, 53.3961



139.2540, 30.9338, -122.1258



182.4100, 5.2209, 52.2604

Square

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



139.2540, 30.9338, -122.1258



178.6740, 34.6707, -13.7461



180.7690, -12.7041, 61.5926



173.3140, -33.1858, 4.1096

Rectangle

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



139.2540, 30.9338, -122.1258



161.0420, 42.8703, -77.2128



180.7690, -12.7041, 61.5926



177.4310, -33.7365, 40.8410

Sweetspot

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



139.2540, 30.9338, -122.1258



231.1020, 11.7817, -45.6935



118.9160, -57.1466, -104.2893



113.6590, 7.0701, -27.7649



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.



139.2540, 30.9338, -122.1258



175.8200, 39.0357, -154.1941



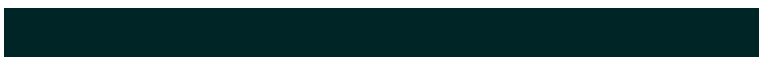
80.5540, 59.8729, -70.6459



99.0100, 1.4741, -6.1478



114.0180, 25.6271, -99.9938



26.0510, 5.8909, -22.8467

Inverse Universe

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



82.9700, 56.7098, 104.3893



104.7450, 71.6107, 131.7736



121.4460, -59.8729, 70.6459



96.1300, 2.8939, 5.1480



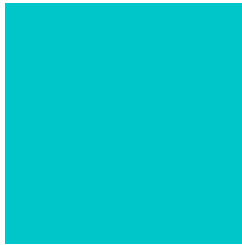
68.1020, 46.2917, 85.8565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 139.2540, 30.9338, -122.1258 looks on a white background.

Color Contrast Check

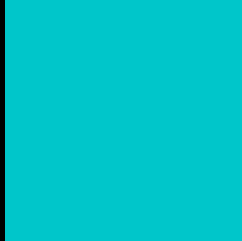
Large Text (above 18pt) WCAG AA × Fail

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 139.2540, 30.9338, -122.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

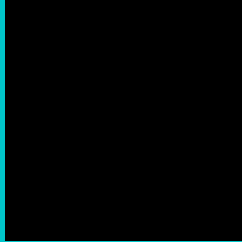
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

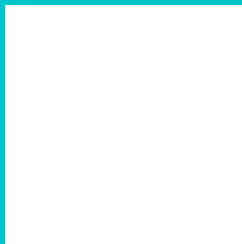
Any Text WCAG AAA ✓ Pass

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

YUV 139.2540, 30.9338, -122.1258 Background



This preview shows how black text looks on a background with the YUV color 139.2540, 30.9338, -122.1258.



This preview shows how white text looks on a background with the YUV color 139.2540, 30.9338, -122.1258.

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

177.6670, 5.0942, -0.5850

Deuteranopia

178.7840, 14.4035, 0.1894

Tritanopia

148.7880, 31.1635, -102.4231

Trichromacy



Protanomaly

163.7970, 14.3971, -44.5490

Deuteranomaly

164.4040, 20.5068, -44.2043

Tritanomaly

145.3310, 30.8958, -109.9153

Monochromacy



Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.7000, 11.4869, -44.4639

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.2540, 30.9338, -122.1258 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, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 202)  
}
```

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, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 202) }
```

Border

The CSS property to change the border of an element to YUV 139.2540, 30.9338, -122.1258 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, 198, 202) }
```

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

```
.border{ border-color:rgb(0, 198, 202) }
```

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

Here you see how a box with a 4 pixel rgb(0, 198, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
202) }
```


Background

The CSS property to change the background color of an element to YUV 139.2540, 30.9338, -122.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 202) }
```

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

```
.background{ background-color: rgb(0, 198,  
202) }
```

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