

Converting Colors

YUV(140.2290, 42.2851,
-122.9808)

Have a look what the booklet for
YUV(140.2290, 42.2851, -122.9808)
contains.

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Color

**YUV(140.2290, 42.2851,
-122.9808)**

Conversions

Conversions Part 1

Format	Color
Hex	00C3E2
RGB	0, 195, 226
RGB Percent	0%, 76%, 89%
CMY	1.0000, 0.2353, 0.1137
CMYK	1.00, 0.14, 0.00, 0.11
HSL	188°, 100%, 44%
HSV	188°, 100%, 89%
XYZ	33.2426, 44.5212, 78.7929
YIQ	140.2290, -126.1710, -31.6990

Conversions

Conversions Part 2

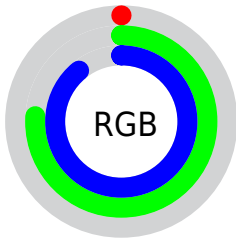
Format	Color
RYB	0, 105, 226
Decimal	50146
CIELab	72.58, -29.51, -26.84
CIELCh	73, 39.892, 222.289
Yxy	44.5212, 0.2123, 0.2844
Android (android.graphics.Color)	4278240226 (0xFF00C3E2)
YUV	140.2290, 42.2851, -122.9808
Hunter-Lab	66.7242, -27.8371, -23.3071

Details

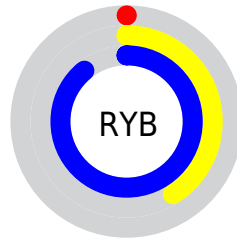
The YUV color **140.2290, 42.2851, -122.9808** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **85.7710, -42.2851, 122.9808**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5850, 22.3896, -88.2130**, and **102.2610, 33.8883, -89.6829** is the 20% darker color. If you saturate the color by 10%, you get **140.2290, 42.2851, -122.9808**, and if you desaturate by 10%, it is **148.8670, 38.0266, -110.3854**.

Distribution



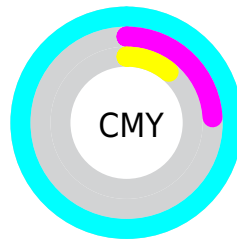
- Red (0%)
- Green (76%)
- Blue (89%)



- Red (0%)
- Yellow (41%)
- Blue (89%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2290, 42.2851, -122.9808 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 140.2290, 42.2851, -122.9808 by changing the saturation by 10% instead.

140.2290, 42.2851,
-122.9808

140.2290, 42.2851,
-122.9808

255.0000, 0.0000,
0.0000

121.1880, 37.8683,
-106.2819

209.5850, 22.3896,
-88.2130

102.2610, 33.8883,
-89.6829

221.2130, 16.6570,
-69.4698

83.9210, 29.6189,
-73.5987

230.7810, 11.9400,
-49.7969

66.2820, 25.4970,
-58.1293

240.3490, 7.2229,
-30.1241

49.3440, 21.5224,
-43.2747

249.6180, 2.6533,
-11.0660

33.8080, 17.8427,
-29.6496

16.5110, 15.0311,

-14.4801

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 140.2290, 42.2851,
-122.9808

■ 148.8670, 38.0266,
-110.3854

■ 157.2060, 33.9154,
-98.4047

■ 165.8440, 29.6569,
-85.8092

■ 174.1830, 25.5458,
-73.8285

■ 183.4080, 20.9979,
-61.7478

■ 192.0460, 16.7393,
-49.1523

■ 200.3850, 12.6282,
-37.1716

■ 209.0230, 8.3697,
-24.5762

■ 217.3620, 4.2585,
-12.5955

Harmonies

Analogous

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



150.9710, 20.2273, -94.6906



140.2290, 42.2851, -122.9808



163.6300, 41.1014, -69.8355

Triad

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



140.2290, 42.2851, -122.9808



182.4030, 9.1683, 46.1276



174.2440, -33.6443, 11.1870

Complementary

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



140.2290, 42.2851, -122.9808



85.7710, -42.2851, 122.9808

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.



177.1210, -33.5837, 38.4819



140.2290, 42.2851, -122.9808



181.1970, -8.4781, 59.4632

Square

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



140.2290, 42.2851, -122.9808



182.2280, 24.5376, 16.4630



179.1630, -23.7444, 55.9850



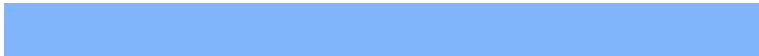
169.5050, -22.9270, -19.7369

Rectangle

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



140.2290, 42.2851, -122.9808



173.4320, 38.2410, -38.9669



179.1630, -23.7444, 55.9850



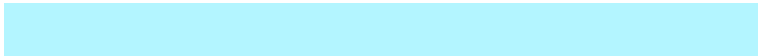
175.2560, -35.1292, 20.8235

Sweetspot

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



140.2290, 42.2851, -122.9808



226.4060, 14.0968, -41.5751



136.0820, -52.2984, -119.3439



110.1370, 8.8065, -24.6761



0.0000, 0.0000, 0.0000



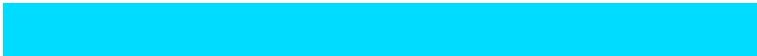
128.0000, 0.0000, 0.0000

Same Dimension

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



140.2290, 42.2851, -122.9808



158.2100, 47.7175, -138.7502



74.4850, 74.6969, -65.3233



108.1240, 1.9109, -6.2477



109.2880, 32.8890, -95.8456



30.1260, 8.8119, -26.4205

Inverse Universe

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



89.8040, 51.8616, 119.4439



101.3250, 58.5068, 134.7730



151.5150, -74.6969, 65.3233



105.4290, 2.7465, 5.7628



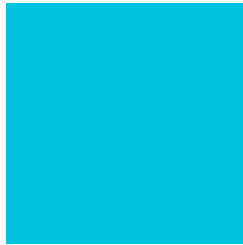
69.9520, 40.4497, 93.0041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 140.2290, 42.2851, -122.9808 looks on a white background.

Color Contrast Check

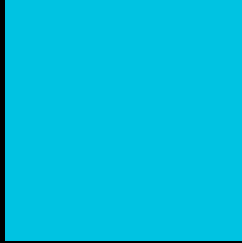
Large Text (above 18pt) WCAG AA × Fail

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 140.2290, 42.2851, -122.9808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

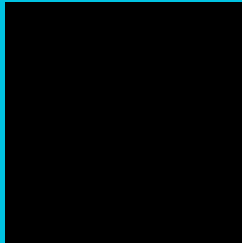
Any Text WCAG AA ✓ Pass

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 140.2290, 42.2851, -122.9808 Background



This preview shows how black text looks on a background with the YUV color 140.2290, 42.2851, -122.9808.



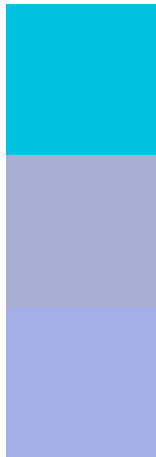
This preview shows how white text looks on a background with the YUV color 140.2290, 42.2851, -122.9808.

-122.9808.

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

140.2290, 42.2851, -122.9808

Protanopia

177.4240, 17.0460, -7.3878

Deuteranopia

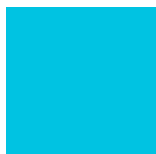
177.8070, 26.2241, -11.2317



Tritanopia

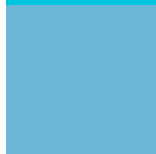
139.8070, 35.5911, -122.6107

Trichromacy



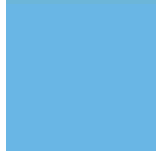
Original Color

140.2290, 42.2851, -122.9808



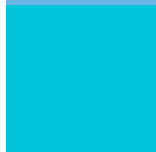
Protanomaly

163.8640, 26.1960, -48.9927



Deuteranomaly

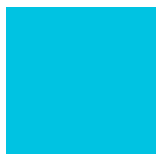
164.3350, 31.8798, -52.0368



Tritanomaly

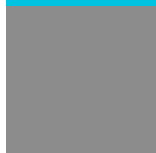
139.7900, 38.0645, -122.5958

Monochromacy



Original Color

140.2290, 42.2851, -122.9808



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.0250, 15.2707, -44.7489

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2290, 42.2851, -122.9808 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, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 226)  
}
```

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, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 226) }
```

Border

The CSS property to change the border of an element to YUV 140.2290, 42.2851, -122.9808 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, 195, 226) }
```


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

```
.border{ border-color:rgb(0, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 140.2290, 42.2851, -122.9808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 226) }
```

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

```
.background{ background-color: rgb(0, 195,  
226) }
```

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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