

Converting Colors

YUV(142.8050, 42.0011,
-125.2400)

Have a look what the booklet for
YUV(142.8050, 42.0011, -125.2400)
contains.

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Color

**YUV(142.8050, 42.0011,
-125.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	00C7E4
RGB	0, 199, 228
RGB Percent	0%, 78%, 89%
CMY	1.0000, 0.2196, 0.1059
CMYK	1.00, 0.13, 0.00, 0.11
HSL	188°, 100%, 45%
HSV	188°, 100%, 89%
XYZ	34.4270, 46.4483, 80.5497
YIQ	142.8050, -127.9130, -33.1690

Conversions

Conversions Part 2

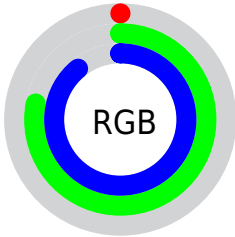
Format	Color
RYB	0, 106, 228
Decimal	51172
CIELab	73.84, -30.81, -25.99
CIELCh	74, 40.308, 220.158
Yxy	46.4483, 0.2133, 0.2877
Android (android.graphics.Color)	4278241252 (0xFF00C7E4)
YUV	142.8050, 42.0011, -125.2400
Hunter-Lab	68.1530, -29.0996, -22.3675

Details

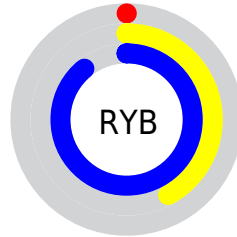
The YUV color **142.8050, 42.0011, -125.2400** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **85.1950, -42.0011, 125.2400**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3460, 21.5214, -89.7574**, and **104.8370, 33.6044, -91.9420** is the 20% darker color. If you saturate the color by 10%, you get **142.8050, 42.0011, -125.2400**, and if you desaturate by 10%, it is **151.4430, 37.7426, -112.6445**.

Distribution



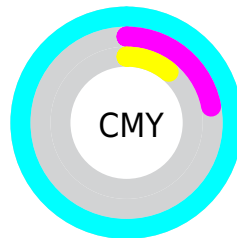
- Red (0%)
- Green (78%)
- Blue (89%)



- Red (0%)
- Yellow (42%)
- Blue (89%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8050, 42.0011, -125.2400 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 142.8050, 42.0011, -125.2400 by changing the saturation by 10% instead.

■ 142.8050, 42.0011,
-125.2400

■ 142.8050, 42.0011,
-125.2400

■ 255.0000, 0.0000,
0.0000

■ 123.1770, 37.8737,
-108.0262

■ 211.3460, 21.5214,
-89.7574

■ 104.8370, 33.6044,
-91.9420

■ 221.5120, 16.5096,
-68.8550

■ 86.4970, 29.3350,
-75.8579

■ 231.0800, 11.7926,
-49.1822

■ 68.8580, 25.2130,
-60.3885

■ 240.6480, 7.0755,
-29.5093

■ 51.3330, 21.5278,
-45.0190

■ 250.2160, 2.3585,
-9.8364

■ 35.0960, 17.7007,
-30.7792

■ 19.6740, 14.4577,

-17.2541

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 142.8050, 42.0011,
-125.2400

■ 151.4430, 37.7426,
-112.6445

■ 160.0810, 33.4841,
-100.0490

■ 168.4200, 29.3729,
-88.0683

■ 177.0580, 25.1144,
-75.4729

■ 185.6960, 20.8559,
-62.8774

■ 193.7470, 16.8867,
-49.7671

■ 202.3850, 12.6282,
-37.1716

■ 210.7240, 8.5171,
-25.1909

■ 219.3620, 4.2585,
-12.5955

Harmonies

Analogous

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



154.9390, 18.7641, -92.0315



142.8050, 42.0011, -125.2400



165.7220, 41.5491, -73.4242

Triad

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



142.8050, 42.0011, -125.2400



186.3320, 10.1893, 45.3128



177.4400, -34.2339, 13.6461

Complementary

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



142.8050, 42.0011, -125.2400



85.1950, -42.0011, 125.2400

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.



181.0180, -34.0259, 40.3262



142.8050, 42.0011, -125.2400



184.8380, -7.3151, 59.7781

Square

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



142.8050, 42.0011, -125.2400



185.5590, 25.8534, 14.4188



182.9890, -23.1656, 57.0146



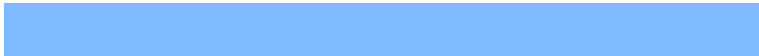
173.1740, -24.2428, -17.6926

Rectangle

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



142.8050, 42.0011, -125.2400



175.6380, 39.1255, -42.6555



182.9890, -23.1656, 57.0146



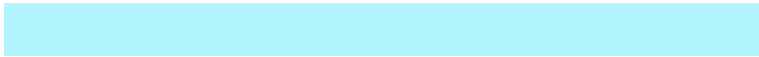
178.5660, -35.2820, 23.1826

Sweetspot

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



142.8050, 42.0011, -125.2400



226.4060, 14.0968, -41.5751



136.9140, -54.1876, -120.0736



110.7240, 8.5171, -25.1909



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.



142.8050, 42.0011, -125.2400



159.9710, 46.8493, -140.2946



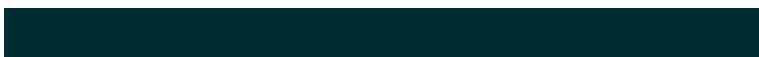
77.0610, 74.4129, -67.5825



110.2380, 2.3477, -6.3477



111.9780, 33.0418, -98.2047



32.2290, 9.2541, -28.2648

Inverse Universe

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



90.8580, 53.3140, 120.2735



101.6670, 59.8172, 134.4730



150.9390, -74.4129, 67.5825



107.7280, 2.5991, 6.3775



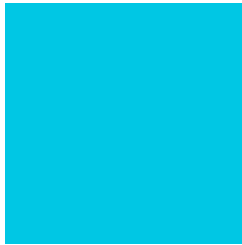
71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 142.8050, 42.0011, -125.2400 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 142.8050, 42.0011, -125.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

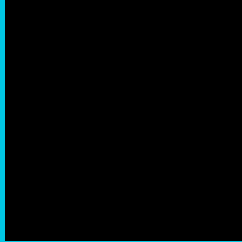
Any Text WCAG AA ✓ Pass

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 142.8050, 42.0011, -125.2400 Background



This preview shows how black text looks on a background with the YUV color 142.8050, 42.0011, -125.2400.



This preview shows how white text looks on a background with the YUV color 142.8050, 42.0011, -125.2400.

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

181.1960, 16.1724, -7.1879

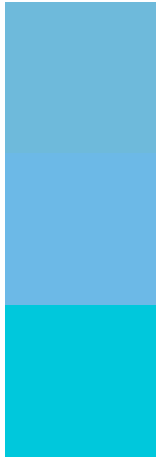
Deuteranopia

180.9920, 25.6399, -10.5170

Tritanopia

142.0240, 36.4702, -124.5550

Trichromacy



Protanomaly

167.0380, 25.6173, -50.0223

Deuteranomaly

167.2210, 31.4430, -51.9368

Tritanomaly

142.4800, 38.2174, -124.9550

Monochromacy



Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.7260, 15.4181, -45.3637

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8050, 42.0011, -125.2400 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, 199, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 228)  
}
```

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, 199, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 228) }
```

Border

The CSS property to change the border of an element to YUV 142.8050, 42.0011, -125.2400 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, 199, 228) }
```

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

```
.border{ border-color:rgb(0, 199, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 199, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 199, 228); box-shadow:4px 4px 4px 4px rgb(0, 199, 228) }
```


Background

The CSS property to change the background color of an element to YUV 142.8050, 42.0011, -125.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 228) }
```

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

```
.background{ background-color: rgb(0, 199,  
228) }
```

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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