

Converting Colors

YUV(142.7710, 46.9479,
-125.2102)

Have a look what the booklet for
YUV(142.7710, 46.9479, -125.2102)
contains.

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Color

**YUV(142.7710, 46.9479,
-125.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	00C5EE
RGB	0, 197, 238
RGB Percent	0%, 77%, 93%
CMY	1.0000, 0.2275, 0.0667
CMYK	1.00, 0.17, 0.00, 0.07
HSL	190°, 100%, 47%
HSV	190°, 100%, 93%
XYZ	35.3989, 46.1056, 87.9225
YIQ	142.7710, -130.5730, -29.0130

Conversions

Conversions Part 2

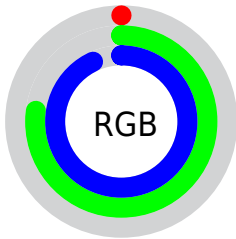
Format	Color
RYB	0, 108, 238
Decimal	50670
CIELab	73.61, -26.53, -31.73
CIELCh	74, 41.362, 230.106
Yxy	46.1056, 0.2089, 0.2721
Android (android.graphics.Color)	4278240750 (0xFF00C5EE)
YUV	142.7710, 46.9479, -125.2102
Hunter-Lab	67.9011, -25.7695, -29.2416

Details

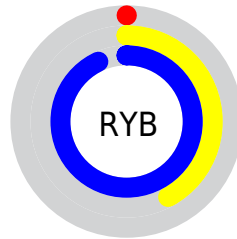
The YUV color **142.7710, 46.9479, -125.2102** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **95.2290, -46.9479, 125.2102**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3570, 21.5160, -88.0131**, and **104.6890, 38.1143, -91.8123** is the 20% darker color. If you saturate the color by 10%, you get **142.7710, 46.9479, -125.2102**, and if you desaturate by 10%, it is **152.2950, 42.2526, -112.5147**.

Distribution



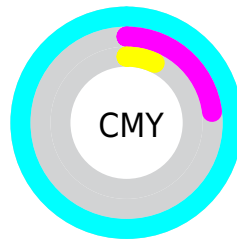
- Red (0%)
- Green (77%)
- Blue (93%)



- Red (0%)
- Yellow (42%)
- Blue (93%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.7710, 46.9479, -125.2102 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 142.7710, 46.9479, -125.2102 by changing the saturation by 10% instead.

■ 142.7710, 46.9479,
-125.2102

■ 142.7710, 46.9479,
-125.2102

■ 255.0000, 0.0000,
0.0000

■ 123.7300, 42.5311,
-108.5112

■ 211.3570, 21.5160,
-88.0131

■ 104.6890, 38.1143,
-91.8123

■ 222.1100, 16.2148,
-67.6255

■ 86.3490, 33.8449,
-75.7281

■ 231.6780, 11.4977,
-47.9526

■ 68.7100, 29.7230,
-60.2587

■ 241.2460, 6.7807,
-28.2797

■ 51.7720, 25.7484,
-45.4040

■ 250.8140, 2.0637,
-8.6069

■ 36.0080, 21.1951,
-31.5790

■ 20.4720, 17.5153,

-17.9539

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 142.7710, 46.9479,
-125.2102

■ 152.2950, 42.2526,
-112.5147

■ 161.8190, 37.5572,
-99.8193

■ 171.0440, 33.0093,
-87.7386

■ 180.5680, 28.3140,
-75.0431

■ 190.0920, 23.6186,
-62.3477

■ 200.2030, 18.6339,
-50.1670

■ 209.7270, 13.9386,
-37.4716

■ 218.9520, 9.3907,
-25.3909

■ 228.4760, 4.6953,
-12.6955

Harmonies

Analogous

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



141.4710, 31.8128, -124.0701



142.7710, 46.9479, -125.2102



169.6250, 42.0899, -60.1841

Triad

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



142.7710, 46.9479, -125.2102



185.0080, 4.9261, 53.4900



175.9010, -33.4752, 3.5948

Complementary

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



142.7710, 46.9479, -125.2102



95.2290, -46.9479, 125.2102

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.



179.1050, -36.0408, 33.2339



142.7710, 46.9479, -125.2102



183.3670, -12.9989, 62.8221

Square

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



142.7710, 46.9479, -125.2102



185.8980, 21.7423, 26.3995



181.3000, -28.2489, 54.1109



170.0630, -19.2581, -29.8733

Rectangle

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



142.7710, 46.9479, -125.2102



178.3840, 37.7717, -28.4008



181.3000, -28.2489, 54.1109



177.0980, -35.5443, 13.9461

Sweetspot

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



142.7710, 46.9479, -125.2102



224.6450, 14.9650, -40.0307



144.2660, -51.4031, -126.5213



109.5500, 9.0959, -24.1613



0.0000, 0.0000, 0.0000



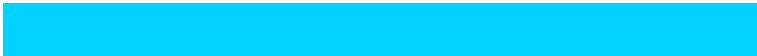
128.0000, 0.0000, 0.0000

Same Dimension

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



142.7710, 46.9479, -125.2102



152.9270, 50.3220, -134.1170



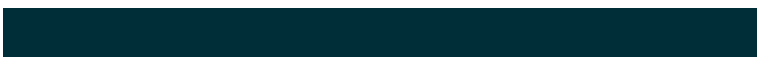
73.5050, 81.0960, -64.4639



115.2380, 2.3477, -6.3477



110.2000, 36.3834, -96.6454



33.3860, 11.1487, -29.2795

Inverse Universe

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



93.6200, 50.9663, 126.6213



100.2990, 54.5756, 135.6728



164.4950, -81.0960, 64.4639



112.7280, 2.5991, 6.3775



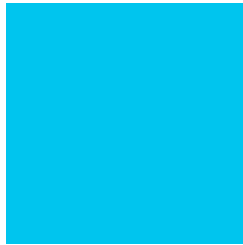
72.3440, 39.2704, 97.9223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 142.7710, 46.9479, -125.2102 looks on a white background.

Color Contrast Check

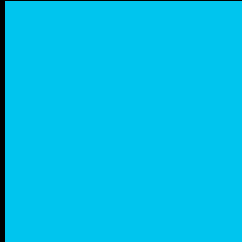
Large Text (above 18pt) WCAG AA × Fail

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 142.7710, 46.9479, -125.2102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

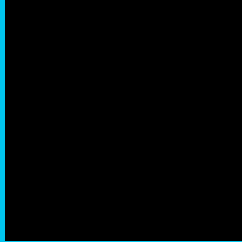
Any Text WCAG AA ✓ Pass

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 142.7710, 46.9479, -125.2102 Background



This preview shows how black text looks on a background with the YUV color 142.7710, 46.9479, -125.2102.



This preview shows how white text looks on a background with the YUV color 142.7710, 46.9479, -125.2102.

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

180.2540, 21.5668, -10.7468

Deuteranopia

180.0390, 31.0398, -15.8202

Tritanopia

141.9100, 36.0334, -124.4551

Trichromacy



Protanomaly

166.6940, 30.7169, -52.3516

Deuteranomaly

166.2790, 36.8375, -55.4957

Tritanomaly

142.2350, 39.8171, -124.7401

Monochromacy



Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.1820, 17.1653, -45.7636

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7710, 46.9479, -125.2102 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, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 238)  
}
```

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, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 238) }
```

Border

The CSS property to change the border of an element to YUV 142.7710, 46.9479, -125.2102 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, 197, 238) }
```

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

```
.border{ border-color:rgb(0, 197, 238) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
238) }
```


Background

The CSS property to change the background color of an element to YUV 142.7710, 46.9479, -125.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 238) }
```

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

```
.background{ background-color: rgb(0, 197,  
238) }
```

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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