

Converting Colors

YUV(147.3700, 41.7226,
-129.2435)

Have a look what the booklet for
YUV(147.3700, 41.7226, -129.2435)
contains.

YUV(147.3700, 41.7226, -129.2435)	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(147.3700, 41.7226,
-129.2435)**

Conversions

Conversions Part 1

Format	Color
Hex	00CEE8
RGB	0, 206, 232
RGB Percent	0%, 81%, 91%
CMY	1.0000, 0.1922, 0.0902
CMYK	1.00, 0.11, 0.00, 0.09
HSL	187°, 100%, 45%
HSV	187°, 100%, 91%
XYZ	36.6368, 49.9688, 84.0579
YIQ	147.3700, -131.1220, -35.5860

Conversions

Conversions Part 2

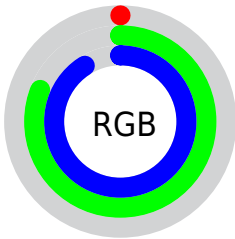
Format	Color
RYB	0, 109, 232
Decimal	52968
CIELab	76.05, -32.88, -24.76
CIElCh	76, 41.166, 216.984
Yxy	49.9688, 0.2147, 0.2928
Android (android.graphics.Color)	4278243048 (0xFF00CEE8)
YUV	147.3700, 41.7226, -129.2435
Hunter-Lab	70.6886, -31.1914, -21.0214

Details

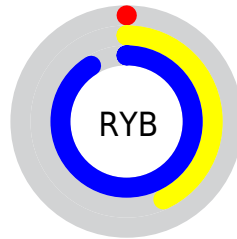
The YUV color **147.3700, 41.7226, -129.2435** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **84.6300, -41.7226, 129.2435**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9440, 21.2266, -88.5279**, and **108.7010, 33.1784, -95.3308** is the 20% darker color. If you saturate the color by 10%, you get **147.3700, 41.7226, -129.2435**, and if you desaturate by 10%, it is **156.0080, 37.4641, -116.6480**.

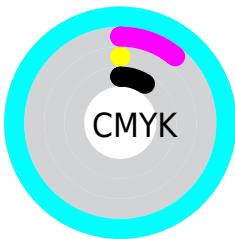
Distribution



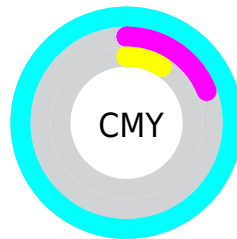
- Red (0%)
- Green (81%)
- Blue (91%)



- Red (0%)
- Yellow (43%)
- Blue (91%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3700, 41.7226, -129.2435 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 147.3700, 41.7226, -129.2435 by changing the saturation by 10% instead.

147.3700, 41.7226,
-129.2435

147.3700, 41.7226,
-129.2435

255.0000, 0.0000,
0.0000

127.7420, 37.5952,
-112.0297

211.9440, 21.2266,
-88.5279

108.7010, 33.1784,
-95.3308

222.1100, 16.2148,
-67.6255

90.4750, 29.3458,
-79.3466

231.6780, 11.4977,
-47.9526

72.8360, 25.2239,
-63.8772

241.2460, 6.7807,
-28.2797

55.3110, 21.5387,
-48.5077

250.8140, 2.0637,
-8.6069

39.0740, 17.7115,
-34.2679

24.1250, 13.7424,

-21.1576

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 147.3700, 41.7226,
-129.2435

■ 156.0080, 37.4641,
-116.6480

■ 164.0590, 33.4949,
-103.5377

■ 172.9960, 29.0890,
-90.3275

■ 181.0470, 25.1198,
-77.2172

■ 189.6850, 20.8613,
-64.6217

■ 198.3230, 16.6028,
-52.0263

■ 206.3740, 12.6336,
-38.9160

■ 215.3110, 8.2277,
-25.7057

■ 223.3620, 4.2585,
-12.5955

Harmonies

Analogous

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



162.2660, 16.1379, -89.6873



147.3700, 41.7226, -129.2435



169.2050, 42.2969, -79.9868

Triad

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



147.3700, 41.7226, -129.2435



192.6030, 12.5207, 44.1982



184.0060, -35.9920, 17.5347

Complementary

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



147.3700, 41.7226, -129.2435



84.6300, -41.7226, 129.2435

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.



187.0400, -34.0367, 43.8149



147.3700, 41.7226, -129.2435



189.5110, -4.6889, 57.4339

Square

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



147.3700, 41.7226, -129.2435



191.1070, 28.0482, 10.4302



188.3420, -21.8606, 58.4591



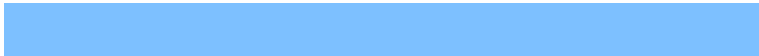
179.8000, -27.0164, -14.7336

Rectangle

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



147.3700, 41.7226, -129.2435



179.1490, 37.3945, -47.4887



188.3420, -21.8606, 58.4591



185.2460, -36.6033, 26.9713

Sweetspot

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



147.3700, 41.7226, -129.2435



226.9930, 13.8075, -42.0899



138.8060, -57.0924, -121.7329



110.7240, 8.5171, -25.1909



0.0000, 0.0000, 0.0000



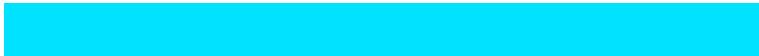
128.0000, 0.0000, 0.0000

Same Dimension

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



147.3700, 41.7226, -129.2435



161.7320, 45.9811, -141.8390



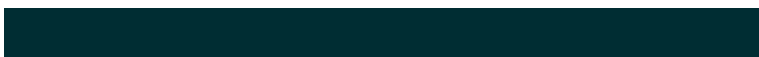
81.0390, 74.4238, -71.0712



110.2380, 2.3477, -6.3477



113.1520, 32.4631, -99.2343



32.2290, 9.2541, -28.2648

Inverse Universe

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



92.8520, 55.7820, 122.0328



102.0090, 61.1276, 134.1731



150.9610, -74.4238, 71.0712



107.7280, 2.5991, 6.3775



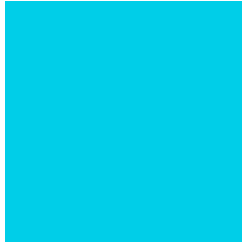
71.5330, 42.6282, 94.2486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 147.3700, 41.7226, -129.2435 looks on a white background.

Color Contrast Check

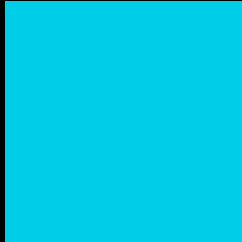
Large Text (above 18pt) WCAG AA × Fail

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 147.3700, 41.7226, -129.2435 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 147.3700, 41.7226, -129.2435 Background



This preview shows how black text looks on a background with the YUV color 147.3700, 41.7226, -129.2435.



This preview shows how white text looks on a background with the YUV color 147.3700, 41.7226, -129.2435.

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

186.5660, 15.0040, -5.7584

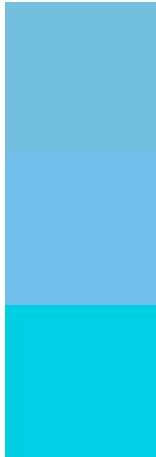
Deuteranopia

187.3620, 24.4715, -9.0875

Tritanopia

147.0450, 37.9388, -128.9585

Trichromacy



Protanomaly

172.3970, 24.4543, -50.3372

Deuteranomaly

172.6940, 30.7169, -52.3516

Tritanomaly

147.3870, 39.2492, -129.2584

Monochromacy



Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0140, 15.2761, -46.4933

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3700, 41.7226, -129.2435 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, 206, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 232)  
}
```

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, 206, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 232) }
```

Border

The CSS property to change the border of an element to YUV 147.3700, 41.7226, -129.2435 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, 206, 232) }
```

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

```
.border{ border-color:rgb(0, 206, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 147.3700, 41.7226, -129.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 232) }
```

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

```
.background{ background-color: rgb(0, 206,  
232) }
```

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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