

Converting Colors

YUV(149.7240, 41.5481,
-119.9069)

Have a look what the booklet for
YUV(149.7240, 41.5481, -119.9069)
contains.

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Color

**YUV(149.7240, 41.5481,
-119.9069)**

Conversions

Conversions Part 1

Format	Color
Hex	0DCBEA
RGB	13, 203, 234
RGB Percent	5%, 80%, 92%
CMY	0.9490, 0.2039, 0.0824
CMYK	0.94, 0.13, 0.00, 0.08
HSL	188°, 89%, 48%
HSV	188°, 94%, 92%
XYZ	36.3732, 48.7380, 85.3322
YIQ	149.7240, -123.1910, -30.6390

Conversions

Conversions Part 2

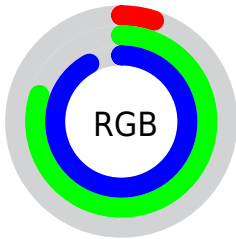
Format	Color
RYB	13, 115, 234
Decimal	904170
CIELab	75.29, -30.47, -27.00
CIELCh	75, 40.715, 221.543
Yxy	48.7380, 0.2134, 0.2859
Android (android.graphics.Color)	4279094250 (0xFF0DCBEA)
YUV	149.7240, 41.5481, -119.9069
Hunter-Lab	69.8126, -29.1713, -23.6016

Details

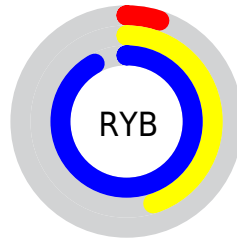
The YUV color **149.7240, 41.5481, -119.9069** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **97.2760, -41.5481, 119.9069**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **107.1680, 34.9202, -93.9863** is the 20% darker color. If you saturate the color by 10%, you get **144.6630, 44.0431, -126.8695**, and if you desaturate by 10%, it is **158.3620, 37.2895, -107.3115**.

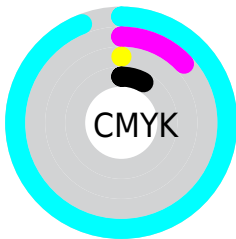
Distribution



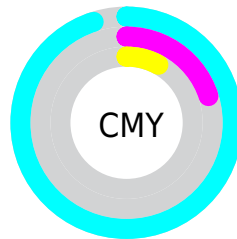
- Red (5%)
- Green (80%)
- Blue (92%)



- Red (5%)
- Yellow (45%)
- Blue (92%)



- Cyan (94%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7240, 41.5481, -119.9069 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 149.7240, 41.5481, -119.9069 by changing the saturation by 10% instead.

■ 149.7240, 41.5481,
-119.9069

■ 149.7240, 41.5481,
-119.9069

■ 255.0000, 0.0000,
0.0000

■ 126.2090, 39.3370,
-110.6853

■ 212.5420, 20.9318,
-87.2983

■ 107.1680, 34.9202,
-93.9863

■ 222.7080, 15.9200,
-66.3959

■ 88.8280, 30.6508,
-77.9022

■ 232.2760, 11.2029,
-46.7231

■ 71.1890, 26.5288,
-62.4328

■ 241.8440, 6.4859,
-27.0502

■ 54.2510, 22.5543,
-47.5781

■ 251.1130, 1.9163,
-7.9921

■ 38.0140, 18.7271,
-33.3383

■ 23.0650, 14.7580,

-20.2280

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 149.7240, 41.5481,
-119.9069

■ 149.7240, 41.5481,
-119.9069

■ 144.6630, 44.0431,
-126.8695

■ 158.3620, 37.2895,
-107.3115

■ 167.8860, 32.5942,
-94.6160

■ 176.5240, 28.3357,
-82.0205

■ 185.4610, 23.9297,
-68.8103

■ 194.0990, 19.6712,
-56.2148

■ 203.3240, 15.1233,
-44.1341

■ 212.2610, 10.7173,
-30.9239

■ 220.8990, 6.4588,
-18.3284

■ 230.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



158.5580, 19.9379, -95.2054



149.7240, 41.5481, -119.9069



170.4340, 41.6910, -72.2946

Triad

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



149.7240, 41.5481, -119.9069



190.2290, 9.7471, 47.1572



181.6140, -34.8127, 12.6165

Complementary

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



149.7240, 41.5481, -119.9069



97.2760, -41.5481, 119.9069

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.



184.6050, -34.3153, 39.8114



149.7240, 41.5481, -119.9069



187.4250, -7.6045, 59.2633

Square

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



149.7240, 41.5481, -119.9069



189.5700, 25.8480, 16.1631



186.9460, -24.6234, 57.9294



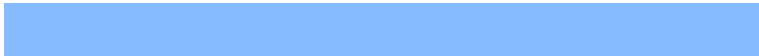
176.8640, -24.0900, -20.0517

Rectangle

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



149.7240, 41.5481, -119.9069



179.4920, 37.2254, -39.8965



186.9460, -24.6234, 57.9294



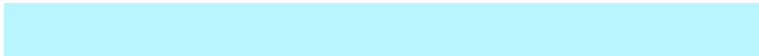
182.7400, -35.8608, 22.1530

Sweetspot

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



149.7240, 41.5481, -119.9069



227.9010, 13.3598, -38.5012



146.0330, -51.2883, -116.6699



110.7350, 8.5116, -23.4466



0.0000, 0.0000, 0.0000



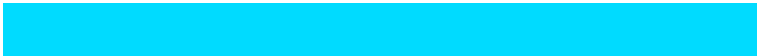
128.0000, 0.0000, 0.0000

Same Dimension

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



149.7240, 41.5481, -119.9069



157.6230, 48.0069, -138.2354



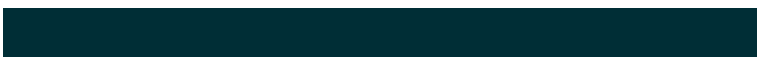
85.7410, 73.0917, -63.7939



113.1240, 1.9109, -6.2477



112.2060, 33.9154, -98.4047



33.1580, 10.2751, -29.0796

Inverse Universe

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



100.7390, 50.4147, 116.8699



101.2110, 58.0700, 134.8730



161.2590, -73.0917, 63.7939



110.4290, 2.7465, 5.7628



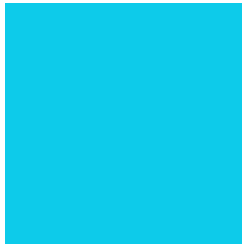
71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 149.7240, 41.5481, -119.9069 looks on a white background.

Color Contrast Check

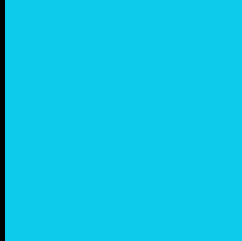
Large Text (above 18pt) WCAG AA × Fail

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 149.7240, 41.5481, -119.9069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

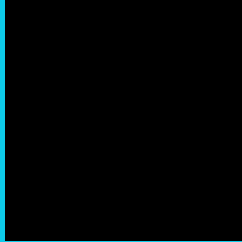
Any Text WCAG AA ✓ Pass

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 149.7240, 41.5481, -119.9069 Background



This preview shows how black text looks on a background with the YUV color 149.7240, 41.5481, -119.9069.

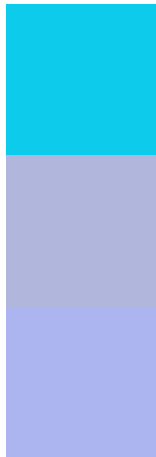


This preview shows how white text looks on a background with the YUV color 149.7240, 41.5481, -119.9069.

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

149.7240, 41.5481, -119.9069

Protanopia

184.5380, 17.4828, -7.4878

Deuteranopia

184.9210, 26.6609, -11.3317



Tritanopia

145.5290, 37.2072, -127.6289

Trichromacy



Original Color

149.7240, 41.5481, -119.9069



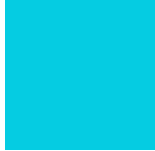
Protanomaly

172.1630, 26.0486, -48.3780



Deuteranomaly

172.0470, 32.0218, -50.9072



Tritanomaly

147.0070, 38.9435, -124.5401

Monochromacy



Original Color

149.7240, 41.5481, -119.9069



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7370, 15.4127, -43.6193

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7240, 41.5481, -119.9069 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(13, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(13, 203, 234)  
}
```

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(13, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 203, 234) }
```

Border

The CSS property to change the border of an element to YUV 149.7240, 41.5481, -119.9069 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(13, 203, 234) }
```


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

```
.border{ border-color:rgb(13, 203, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 203, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(13, 203,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 149.7240, 41.5481, -119.9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 203, 234) }
```

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

```
.background{ background-color: rgb(13, 203,  
234) }
```

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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