

Converting Colors

YUV(149.7110, 47.9635,
-124.2805)

Have a look what the booklet for
YUV(149.7110, 47.9635, -124.2805)
contains.

YUV(149.7110, 47.9635, -124.2805)	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>	31

Color

**YUV(149.7110, 47.9635,
-124.2805)**

Conversions

Conversions Part 1

Format	Color
Hex	08CBF7
RGB	8, 203, 247
RGB Percent	3%, 80%, 97%
CMY	0.9686, 0.2039, 0.0314
CMYK	0.97, 0.18, 0.00, 0.03
HSL	191°, 94%, 50%
HSV	191°, 97%, 97%
XYZ	38.2446, 49.4789, 95.5304
YIQ	149.7110, -130.3440, -27.6560

Conversions

Conversions Part 2

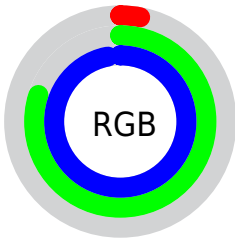
Format	Color
R _{YB}	8, 115, 247
Decimal	576503
CIE Lab	75.75, -26.34, -33.28
CIE LCh	76, 42.439, 231.643
Yxy	49.4789, 0.2087, 0.2700
Android (android.graphics.Color)	4278766583 (0xFF08CBF7)
YUV	149.7110, 47.9635, -124.2805
Hunter-Lab	70.3412, -26.0466, -31.2828

Details

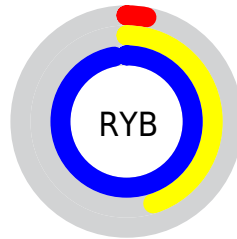
The YUV color **149.7110, 47.9635, -124.2805** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **105.2890, -47.9635, 124.2805**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **109.1230, 39.8724, -95.7009** is the 20% darker color. If you saturate the color by 10%, you get **146.7320, 49.4321, -128.6840**, and if you desaturate by 10%, it is **160.1210, 42.8313, -111.4851**.

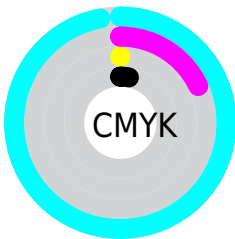
Distribution



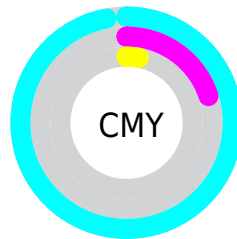
- Red (3%)
- Green (80%)
- Blue (97%)



- Red (3%)
- Yellow (45%)
- Blue (97%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (97%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7110, 47.9635, -124.2805 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 149.7110, 47.9635, -124.2805 by changing the saturation by 10% instead.

■ 149.7110, 47.9635,
-124.2805

■ 149.7110, 47.9635,
-124.2805

■ 255.0000, 0.0000,
0.0000

■ 127.5770, 44.5785,
-111.8850

■ 212.8410, 20.7844,
-86.6836

■ 109.1230, 39.8724,
-95.7009

■ 223.0070, 15.7725,
-65.7811

■ 90.7830, 35.6030,
-79.6167

■ 232.8740, 10.9081,
-45.4935

■ 72.5570, 31.7704,
-63.6325

■ 242.4420, 6.1911,
-25.8206

■ 55.5050, 27.3590,
-48.6779

■ 252.0100, 1.4741,
-6.1478

■ 39.2680, 23.5319,
-34.4380

■ 25.3790, 18.5472,

-22.2574

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 149.7110, 47.9635,
-124.2805

■ 149.7110, 47.9635,
-124.2805

■ 146.7320, 49.4321,
-128.6840

■ 160.1210, 42.8313,
-111.4851

■ 169.6450, 38.1360,
-98.7897

■ 180.0550, 33.0039,
-85.9942

■ 189.8780, 28.1611,
-72.6840

■ 199.9890, 23.1764,
-60.5034

■ 209.8120, 18.3337,
-47.1931

■ 220.2220, 13.2016,
-34.3977

■ 230.0450, 8.3588,
-21.0875

■ 240.1560, 3.3741,
-8.9068

Harmonies

Analogous

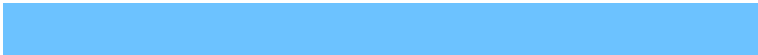
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.9050, 33.5708, -127.9587



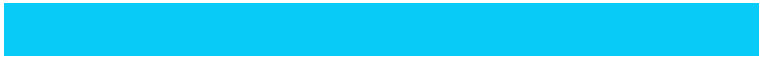
149.7110, 47.9635, -124.2805



175.2400, 39.3217, -58.9695

Triad

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



149.7110, 47.9635, -124.2805



191.0900, 3.8996, 56.0491



180.7760, -33.9066, 1.9504

Complementary

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



149.7110, 47.9635, -124.2805



105.2890, -47.9635, 124.2805

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.



185.0510, -37.4931, 32.4043



149.7110, 47.9635, -124.2805



186.6440, -13.1355, 59.9482

Square

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



149.7110, 47.9635, -124.2805



191.6210, 21.8788, 29.2734



187.2570, -29.7067, 55.0256



175.4540, -18.9578, -32.8472

Rectangle

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



149.7110, 47.9635, -124.2805



183.7110, 35.1455, -26.0565



187.2570, -29.7067, 55.0256



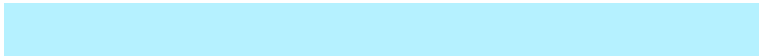
182.2720, -36.1231, 12.9165

Sweetspot

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



149.7110, 47.9635, -124.2805



224.6560, 14.9596, -38.2863



153.3090, -49.9453, -127.4360



109.2620, 9.2378, -23.0318



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.



149.7110, 47.9635, -124.2805



151.1660, 51.1902, -132.5726



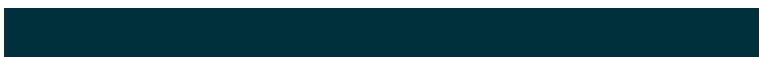
79.8580, 82.4010, -63.0195



117.2380, 2.3477, -6.3477



110.4280, 37.2570, -96.8454



34.9020, 11.8803, -30.6091

Inverse Universe

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



101.6910, 49.9453, 127.4360



99.9570, 53.2652, 135.9727



175.1420, -82.4010, 63.0195



114.7280, 2.5991, 6.3775



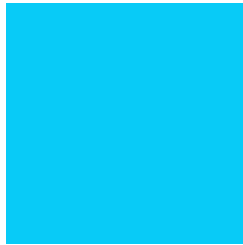
72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 149.7110, 47.9635, -124.2805 looks on a white background.

Color Contrast Check

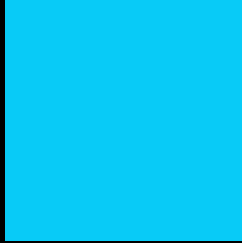
Large Text (above 18pt) WCAG AA × Fail

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 149.7110, 47.9635, -124.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

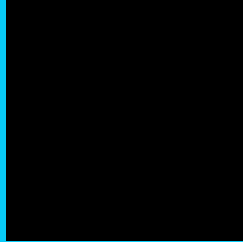
Any Text WCAG AA ✓ Pass

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 149.7110, 47.9635, -124.2805 Background



This preview shows how black text looks on a background with the YUV color 149.7110, 47.9635, -124.2805.



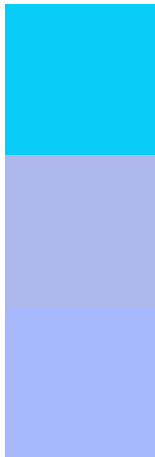
This preview shows how white text looks on a background with the YUV color 149.7110, 47.9635, -124.2805.

-124.2805.

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

149.7110, 47.9635, -124.2805

Protanopia

185.7100, 23.3140, -11.1467

Deuteranopia

185.7830, 32.6450, -17.3497



Tritanopia

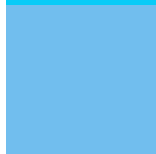
146.2300, 37.3546, -128.2437

Trichromacy



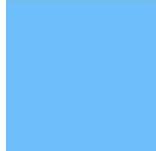
Original Color

149.7110, 47.9635, -124.2805



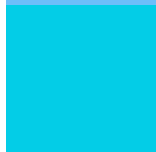
Protanomaly

172.4490, 32.3166, -52.1368



Deuteranomaly

172.6210, 38.1478, -55.7956



Tritanomaly

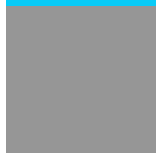
147.5660, 41.1330, -126.7844

Monochromacy



Original Color

149.7110, 47.9635, -124.2805



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.5950, 17.4547, -45.2488

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7110, 47.9635, -124.2805 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(8, 203, 247)` looks like.

```
.text, #text, p{  
    color:rgb(8, 203, 247)  
}
```

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(8, 203, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 203, 247) }
```

Border

The CSS property to change the border of an element to YUV 149.7110, 47.9635, -124.2805 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(8, 203, 247) }
```


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

```
.border{ border-color:rgb(8, 203, 247) }
```

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

Here you see how a box with a 4 pixel rgb(8, 203, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 203, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 203, 247);  
box-shadow:4px 4px 4px 4px rgb(8, 203,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 149.7110, 47.9635, -124.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 203, 247) }
```

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

```
.background{ background-color: rgb(8, 203,  
247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor