

Converting Colors

YUV(148.5690, 50.0055,
-125.9100)

Have a look what the booklet for
YUV(148.5690, 50.0055, -125.9100)
contains.

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Color

**YUV(148.5690, 50.0055,
-125.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	05CAFA
RGB	5, 202, 250
RGB Percent	2%, 79%, 98%
CMY	0.9804, 0.2078, 0.0196
CMYK	0.98, 0.19, 0.00, 0.02
HSL	192°, 96%, 50%
HSV	192°, 98%, 98%
XYZ	38.4384, 49.1755, 97.9084
YIQ	148.5690, -132.8200, -26.8360

Conversions

Conversions Part 2

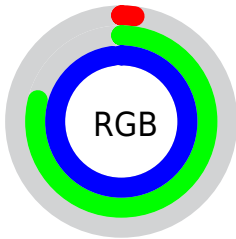
Format	Color
RYB	5, 114, 250
Decimal	379642
CIELab	75.56, -24.90, -35.18
CIELCh	76, 43.101, 234.705
Yxy	49.1755, 0.2072, 0.2651
Android (android.graphics.Color)	4278569722 (0xFF05CAFA)
YUV	148.5690, 50.0055, -125.9100
Hunter-Lab	70.1252, -24.8761, -33.6927

Details

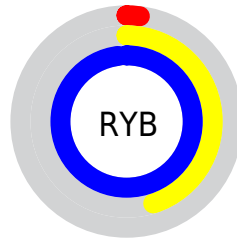
The YUV color **148.5690, 50.0055, -125.9100** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **106.4310, -50.0055, 125.9100**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **108.8780, 41.4721, -95.4860** is the 20% darker color. If you saturate the color by 10%, you get **146.4870, 51.0319, -128.4691**, and if you desaturate by 10%, it is **158.9790, 44.8734, -113.1146**.

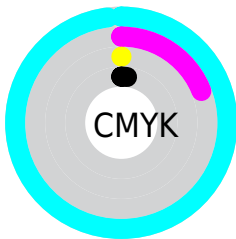
Distribution



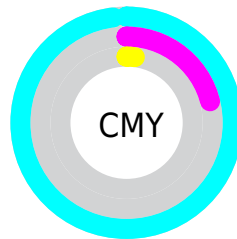
- Red (2%)
- Green (79%)
- Blue (98%)



- Red (2%)
- Yellow (45%)
- Blue (98%)



- Cyan (98%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5690, 50.0055, -125.9100 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 148.5690, 50.0055, -125.9100 by changing the saturation by 10% instead.

148.5690, 50.0055,
-125.9100

148.5690, 50.0055,
-125.9100

255.0000, 0.0000,
0.0000

127.3320, 46.1783,
-111.6702

212.8410, 20.7844,
-86.6836

108.8780, 41.4721,
-95.4860

223.3060, 15.6251,
-65.1664

90.5380, 37.2028,
-79.4018

232.8740, 10.9081,
-45.4935

72.7850, 32.6440,
-63.8324

242.4420, 6.1911,
-25.8206

55.8470, 28.6694,
-48.9778

252.0100, 1.4741,
-6.1478

39.4960, 24.4055,
-34.6380

25.6070, 19.4207,

-22.4573

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 148.5690, 50.0055,
-125.9100

■ 148.5690, 50.0055,
-125.9100

■ 146.4870, 51.0319,
-128.4691

■ 158.9790, 44.8734,
-113.1146

■ 169.3890, 39.7412,
-100.3192

■ 179.7990, 34.6091,
-87.5237

■ 190.2090, 29.4770,
-74.7283

■ 200.0320, 24.6342,
-61.4181

■ 210.4420, 19.5021,
-48.6226

■ 220.8520, 14.3700,
-35.8272

■ 231.2620, 9.2378,
-23.0318

■ 241.6720, 4.1057,
-10.2363

Harmonies

Analogous

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



146.3610, 35.3180, -128.3586



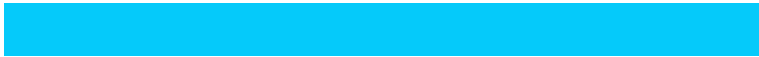
148.5690, 50.0055, -125.9100



175.5610, 39.1634, -54.8660

Triad

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



148.5690, 50.0055, -125.9100



189.4600, 2.7312, 57.4786



179.8680, -33.4589, -1.6382

Complementary

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



148.5690, 50.0055, -125.9100



106.4310, -50.0055, 125.9100

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.



183.5130, -38.2139, 30.2451



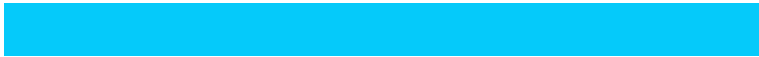
148.5690, 50.0055, -125.9100



186.0740, -15.3195, 60.4481

Square

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



148.5690, 50.0055, -125.9100



191.3010, 20.5576, 33.0620



186.2030, -31.1591, 54.1960



173.8880, -17.1998, -36.7358

Rectangle

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



148.5690, 50.0055, -125.9100



184.0320, 34.9872, -21.9531



186.2030, -31.1591, 54.1960



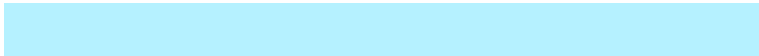
181.2500, -36.1123, 9.4277

Sweetspot

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



148.5690, 50.0055, -125.9100



224.6560, 14.9596, -38.2863



153.9450, -51.2449, -130.6248



109.2620, 9.2378, -23.0318



0.0000, 0.0000, 0.0000



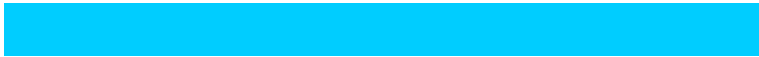
128.0000, 0.0000, 0.0000

Same Dimension

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



148.5690, 50.0055, -125.9100



149.4050, 52.0583, -131.0282



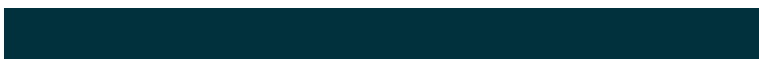
78.7160, 84.4430, -64.6489



119.9390, 2.4951, -6.9625



110.7700, 38.5674, -97.1453



35.7170, 12.4645, -31.3238

Inverse Universe

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



100.7130, 49.9345, 130.9247



99.6150, 51.9548, 136.2726



176.2840, -84.4430, 64.6489



117.1410, 2.8885, 6.8923



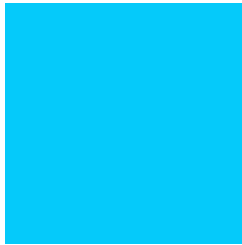
73.8390, 38.5334, 100.9962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 148.5690, 50.0055, -125.9100 looks on a white background.

Color Contrast Check

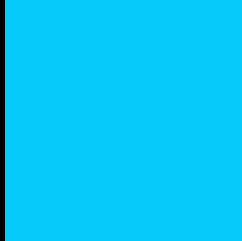
Large Text (above 18pt) WCAG AA × Fail

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 148.5690, 50.0055, -125.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

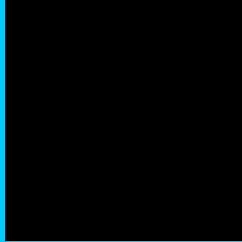
Any Text WCAG AA ✓ Pass

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 148.5690, 50.0055, -125.9100 Background



This preview shows how black text looks on a background with the YUV color 148.5690, 50.0055, -125.9100.

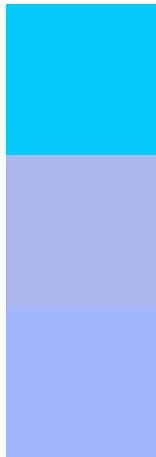


This preview shows how white text looks on a background with the YUV color 148.5690, 50.0055, -125.9100.

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

148.5690, 50.0055, -125.9100

Protanopia

185.4540, 24.9192, -12.6762

Deuteranopia

184.3420, 34.8344, -19.5939



Tritanopia

145.5290, 37.2072, -127.6289

Trichromacy



Original Color

148.5690, 50.0055, -125.9100

Protanomaly

172.1930, 33.9219, -53.6663

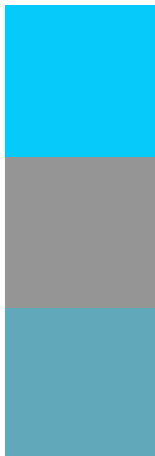
Deuteranomaly

171.1800, 40.3373, -58.0399

Tritanomaly

146.7940, 42.0066, -126.9843

Monochromacy



Original Color

148.5690, 50.0055, -125.9100

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8230, 18.3283, -45.4488

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5690, 50.0055, -125.9100 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(5, 202, 250)` looks like.

```
.text, #text, p{  
    color:rgb(5, 202, 250)  
}
```

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(5, 202, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 202, 250) }
```

Border

The CSS property to change the border of an element to YUV 148.5690, 50.0055, -125.9100 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(5, 202, 250) }
```


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

```
.border{ border-color:rgb(5, 202, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 202, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 202, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 202, 250);  
box-shadow:4px 4px 4px 4px rgb(5, 202,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 148.5690, 50.0055, -125.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 202, 250) }
```

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

```
.background{ background-color: rgb(5, 202,  
250) }
```

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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