

Converting Colors

YUV(153.8730, 48.8696,
-134.9466)

Have a look what the booklet for
YUV(153.8730, 48.8696, -134.9466)
contains.

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Color

**YUV(153.8730, 48.8696,
-134.9466)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00D5FD |
| RGB | 0, 213, 253 |
| RGB Percent | 0%, 84%, 99% |
| CMY | 1.0000, 0.1647, 0.0078 |
| CMYK | 1.00, 0.16, 0.00, 0.01 |
| HSL | 189°, 100%, 50% |
| HSV | 189°, 100%, 99% |
| XYZ | 41.5239, 54.6803, 101.2943 |
| YIQ | 153.8730, -139.7880, -32.7160 |

Conversions

Conversions Part 2

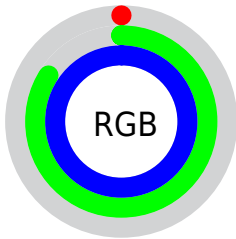
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 116, 253 |
| Decimal | 54781 |
| CIELab | 78.86, -29.47, -31.70 |
| CIELCh | 79, 43.280, 227.081 |
| Yxy | 54.6803, 0.2102, 0.2769 |
| Android (android.graphics.Color) | 4278244861 (0xFF00D5FD) |
| YUV | 153.8730, 48.8696, -134.9466 |
| Hunter-Lab | 73.9462, -29.1705, -29.4554 |

Details

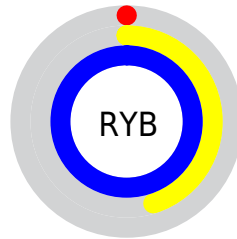
The YUV color **153.8730, 48.8696, -134.9466** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **99.1270, -48.8696, 134.9466**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **115.0900, 39.8886, -100.9339** is the 20% darker color. If you saturate the color by 10%, you get **153.8730, 48.8696, -134.9466**, and if you desaturate by 10%, it is **163.6960, 44.0269, -121.6364**.

Distribution



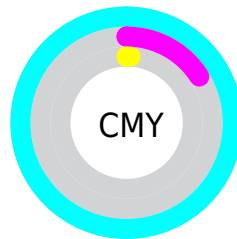
- Red (0%)
- Green (84%)
- Blue (99%)



- Red (0%)
- Yellow (45%)
- Blue (99%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8730, 48.8696, -134.9466 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 153.8730, 48.8696, -134.9466 by changing the saturation by 10% instead.

153.8730, 48.8696,
-134.9466

153.8730, 48.8696,
-134.9466

255.0000, 0.0000,
0.0000

134.1310, 44.3054,
-117.6329

213.1400, 20.6370,
-86.0688

115.0900, 39.8886,
-100.9339

223.6050, 15.4777,
-64.5516

96.7500, 35.6193,
-84.8498

233.4720, 10.6133,
-44.2639

78.4100, 31.3499,
-68.7656

243.0400, 5.8963,
-24.5911

61.4720, 27.3753,
-53.9109

252.6080, 1.1793,
-4.9182

44.5340, 23.4007,
-39.0563

29.4710, 18.9948,

-25.8461

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 153.8730, 48.8696,
-134.9466

■ 163.6960, 44.0269,
-121.6364

■ 173.8180, 39.0367,
-107.7114

■ 183.6410, 34.1940,
-94.4012

■ 193.4640, 29.3512,
-81.0909

■ 203.5860, 24.3611,
-67.1659

■ 213.4090, 19.5184,
-53.8557

■ 223.2320, 14.6756,
-40.5455

■ 233.0550, 9.8329,
-27.2352

■ 243.1770, 4.8427,
-13.3102

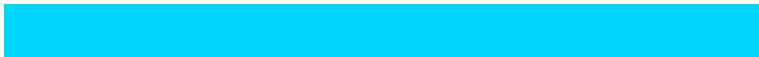
Harmonies

Analogous

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



160.1900, 28.0073, -116.8076



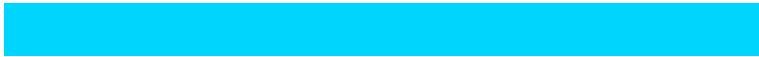
153.8730, 48.8696, -134.9466



179.6150, 37.1648, -67.1914

Triad

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



153.8730, 48.8696, -134.9466



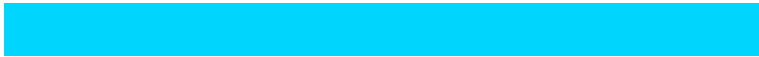
198.0830, 7.8471, 49.9162



189.9400, -35.9594, 7.0686

Complementary

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



153.8730, 48.8696, -134.9466



99.1270, -48.8696, 134.9466

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.



193.9700, -37.9462, 37.7373



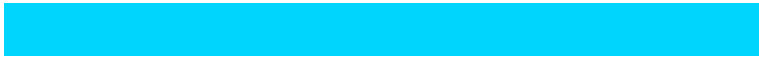
153.8730, 48.8696, -134.9466



192.3490, -9.0461, 54.9449

Square

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



153.8730, 48.8696, -134.9466



199.9840, 24.6579, 24.5700



193.5280, -27.3753, 53.9109



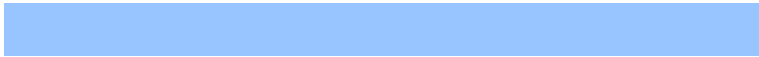
184.8630, -22.6105, -27.9439

Rectangle

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



153.8730, 48.8696, -134.9466



189.5700, 32.2570, -32.9489



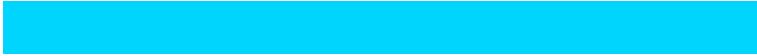
193.5280, -27.3753, 53.9109



191.4360, -38.1759, 18.0346

Sweetspot

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



153.8730, 48.8696, -134.9466



225.2320, 14.6756, -40.5455



152.8430, -56.6176, -134.0433



109.5500, 9.0959, -24.1613



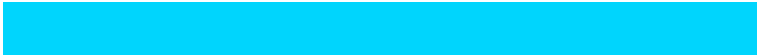
0.0000, 0.0000, 0.0000



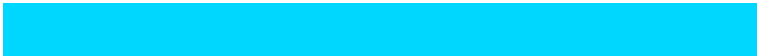
128.0000, 0.0000, 0.0000

Same Dimension

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



153.8730, 48.8696, -134.9466



155.2750, 49.1644, -136.1762



81.0850, 84.7541, -71.1115



122.3520, 2.7845, -6.4477



116.2810, 36.8365, -101.9784



38.9940, 12.3280, -34.1977

Inverse Universe

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



99.9290, 55.7440, 134.2433



100.7550, 56.3228, 135.2729



171.9150, -84.7541, 71.1115



120.0270, 2.4517, 6.9923



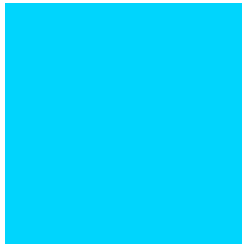
75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 153.8730, 48.8696, -134.9466 looks on a white background.

Color Contrast Check

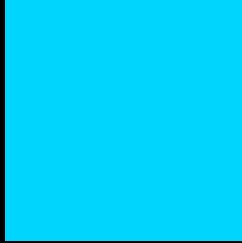
Large Text (above 18pt) WCAG AA × Fail

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 153.8730, 48.8696, -134.9466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

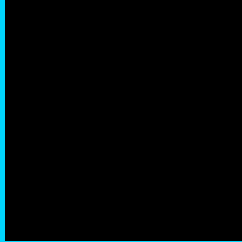
Any Text WCAG AA ✓ Pass

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 153.8730, 48.8696, -134.9466 Background



This preview shows how black text looks on a background with the YUV color 153.8730, 48.8696, -134.9466.

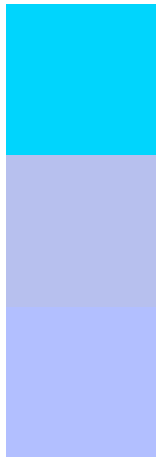


This preview shows how white text looks on a background with the YUV color 153.8730, 48.8696, -134.9466.

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

153.8730, 48.8696, -134.9466

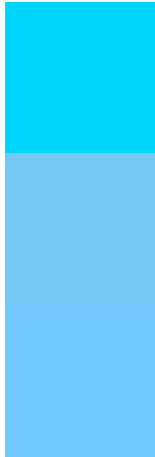
Protanopia

194.5530, 21.4194, -10.1320

Deuteranopia

194.4090, 29.8714, -14.3907

Trichromacy



Original Color

153.8730, 48.8696, -134.9466

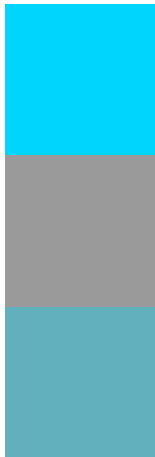
Protanomaly

179.7860, 31.1645, -55.9403

Deuteranomaly

179.5560, 36.7009, -58.3696

Monochromacy



Original Color

153.8730, 48.8696, -134.9466

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.6870, 17.9023, -48.8375

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8730, 48.8696, -134.9466 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, 213, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 253)  
}
```

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, 213, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 253) }
```

Border

The CSS property to change the border of an element to YUV 153.8730, 48.8696, -134.9466 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, 213, 253) }
```

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

```
.border{ border-color:rgb(0, 213, 253) }
```

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

Here you see how a box with a 4 pixel rgb(0, 213, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
253) }
```


Background

The CSS property to change the background color of an element to YUV 153.8730, 48.8696, -134.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 253) }
```

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

```
.background{ background-color: rgb(0, 213,  
253) }
```

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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