

Converting Colors

YUV(134.7810, 51.8730,
-118.2029)

Have a look what the booklet for
YUV(134.7810, 51.8730, -118.2029)
contains.

YUV(134.7810, 51.8730, -118.2029)	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(134.7810, 51.8730,
-118.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	00B7F0
RGB	0, 183, 240
RGB Percent	0%, 72%, 94%
CMY	1.0000, 0.2824, 0.0588
CMYK	1.00, 0.24, 0.00, 0.06
HSL	194°, 100%, 47%
HSV	194°, 100%, 94%
XYZ	32.6617, 40.1582, 88.4679
YIQ	134.7810, -127.3650, -21.0690

Conversions

Conversions Part 2

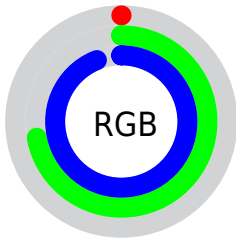
Format	Color
RYB	0, 104, 240
Decimal	47088
CIELab	69.58, -18.67, -39.07
CIELCh	70, 43.303, 244.457
Yxy	40.1582, 0.2025, 0.2490
Android (android.graphics.Color)	4278237168 (0xFF00B7F0)
YUV	134.7810, 51.8730, -118.2029
Hunter-Lab	63.3705, -18.8981, -38.4120

Details

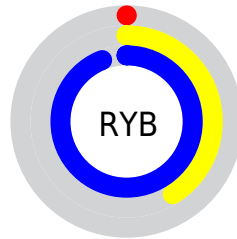
The YUV color **134.7810, 51.8730, -118.2029** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **105.2190, -51.8730, 118.2029**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2530, 26.0043, -80.9059**, and **97.2860, 42.7500, -85.3198** is the 20% darker color. If you saturate the color by 10%, you get **134.7810, 51.8730, -118.2029**, and if you desaturate by 10%, it is **145.4790, 46.5989, -106.5371**.

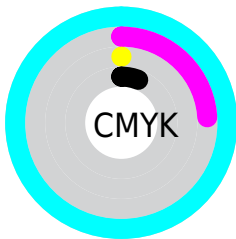
Distribution



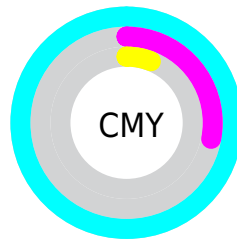
- Red (0%)
- Green (72%)
- Blue (94%)



- Red (0%)
- Yellow (41%)
- Blue (94%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7810, 51.8730, -118.2029 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 134.7810, 51.8730, -118.2029 by changing the saturation by 10% instead.

■ 134.7810, 51.8730,
-118.2029

■ 134.7810, 51.8730,
-118.2029

■ 255.0000, 0.0000,
0.0000

■ 115.7400, 47.4562,
-101.5040

■ 202.2530, 26.0043,
-80.9059

■ 97.2860, 42.7500,
-85.3198

■ 221.8110, 16.3622,
-68.2402

■ 79.5330, 38.1912,
-69.7504

■ 231.3790, 11.6452,
-48.5674

■ 62.3670, 33.3431,
-54.6959

■ 240.9470, 6.9281,
-28.8945

■ 46.0160, 29.0791,
-40.3560

■ 250.2160, 2.3585,
-9.8364

■ 30.2520, 24.5258,
-26.5310

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 134.7810, 51.8730,
-118.2029

■ 145.4790, 46.5989,
-106.5371

■ 155.5900, 41.6141,
-94.3564

■ 166.2880, 36.3400,
-82.6906

■ 176.9860, 31.0659,
-71.0247

■ 187.0970, 26.0812,
-58.8441

■ 197.7950, 20.8071,
-47.1782

■ 208.4930, 15.5330,
-35.5124

■ 219.1910, 10.2588,
-23.8465

■ 229.3020, 5.2741,
-11.6659

Harmonies

Analogous

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



135.2250, 38.3431, -118.5923



134.7810, 51.8730, -118.2029



164.8170, 41.0092, -40.1815

Triad

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



134.7810, 51.8730, -118.2029



172.8860, -3.3948, 62.3670



162.2410, -29.2058, -12.4894

Complementary

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



134.7810, 51.8730, -118.2029



105.2190, -51.8730, 118.2029

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.



166.5610, -37.7446, 19.6790



134.7810, 51.8730, -118.2029



170.8910, -21.1453, 62.3626

Square

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



134.7810, 51.8730, -118.2029



174.8740, 14.8521, 43.0835



169.3500, -34.1895, 46.1741



155.0480, -9.8837, -50.0311

Rectangle

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



134.7810, 51.8730, -118.2029



171.8920, 34.0702, -7.7983



169.3500, -34.1895, 46.1741



163.3950, -32.7327, -1.2234

Sweetspot

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



134.7810, 51.8730, -118.2029



221.7100, 16.4120, -37.4567



147.2640, -44.9932, -129.1505



107.7890, 9.9640, -22.6170



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.



134.7810, 51.8730, -118.2029



142.9480, 55.2416, -125.3654



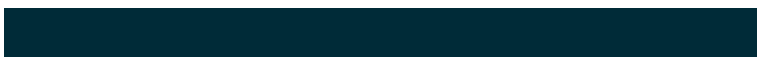
64.9280, 86.3105, -56.9419



114.6510, 2.6371, -5.8329



103.1560, 39.8561, -90.4678



31.6250, 12.0169, -27.7351

Inverse Universe

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



92.6220, 44.5564, 129.2505



98.3610, 47.1500, 137.3724



175.0720, -86.3105, 56.9419



112.6140, 2.1623, 6.4775



70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 134.7810, 51.8730, -118.2029 looks on a white background.

Color Contrast Check

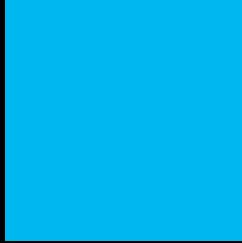
Large Text (above 18pt) WCAG AA × Fail

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 134.7810, 51.8730, -118.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

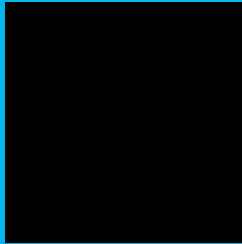
Any Text WCAG AA ✓ Pass

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 134.7810, 51.8730, -118.2029 Background



This preview shows how black text looks on a background with the YUV color 134.7810, 51.8730, -118.2029.

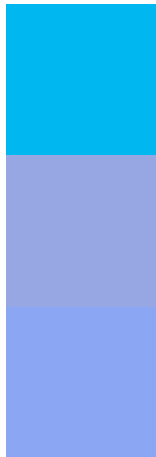


This preview shows how white text looks on a background with the YUV color 134.7810, 51.8730, -118.2029.

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

134.7810, 51.8730, -118.2029

Protanopia

169.0560, 28.5664, -15.8351

Deuteranopia

167.4060, 37.7608, -24.9121



Tritanopia

133.3840, 33.8277, -116.9778

Trichromacy



Original Color

134.7810, 51.8730, -118.2029

Protanomaly

156.7030, 37.1214, -53.2365

Deuteranomaly

155.5650, 43.1055, -59.2545

Tritanomaly

133.8060, 40.5216, -117.3479

Monochromacy



Original Color

134.7810, 51.8730, -118.2029

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.6600, 18.9016, -42.6748

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7810, 51.8730, -118.2029 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, 183, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 240)  
}
```

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, 183, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 240) }
```

Border

The CSS property to change the border of an element to YUV 134.7810, 51.8730, -118.2029 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, 183, 240) }
```


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

```
.border{ border-color:rgb(0, 183, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 183, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 134.7810, 51.8730, -118.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 240) }
```

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

```
.background{ background-color: rgb(0, 183,  
240) }
```

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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