

Converting Colors

YUV(198.4840, -1.2246,
-74.0925)

Have a look what the booklet for
YUV(198.4840, -1.2246, -74.0925)
contains.

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Color

**YUV(198.4840, -1.2246,
-74.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	72F2C4
RGB	114, 242, 196
RGB Percent	45%, 95%, 77%
CMY	0.5529, 0.0510, 0.2314
CMYK	0.53, 0.00, 0.19, 0.05
HSL	158°, 83%, 70%
HSV	158°, 53%, 95%
XYZ	48.6554, 71.0672, 63.3775
YIQ	198.4840, -61.5220, -41.4420

Conversions

Conversions Part 2

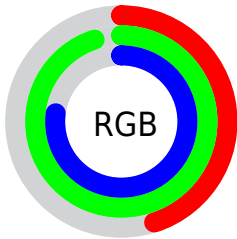
Format	Color
RYB	114, 192, 242
Decimal	7533252
CIELab	87.52, -46.22, 11.49
CIELCh	88, 47.627, 166.040
Yxy	71.0672, 0.2657, 0.3881
Android (android.graphics.Color)	4285723332 (0xFF72F2C4)
YUV	198.4840, -1.2246, -74.0925
Hunter-Lab	84.3014, -44.5043, 14.4369

Details

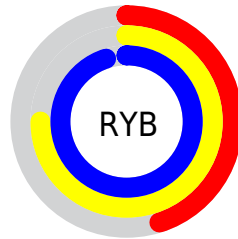
The YUV color **198.4840, -1.2246, -74.0925** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **157.5160, 1.2246, 74.0925**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5530, 11.0664, -49.5970**, and **139.1350, 1.4124, -79.9254** is the 20% darker color. If you saturate the color by 10%, you get **190.2820, -1.6180, -87.9473**, and if you desaturate by 10%, it is **206.6860, -0.8312, -60.2376**.

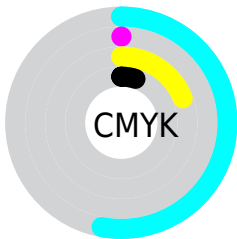
Distribution



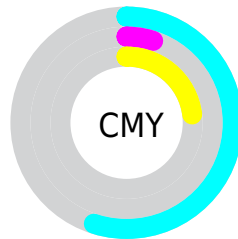
- Red (45%)
- Green (95%)
- Blue (77%)



- Red (45%)
- Yellow (75%)
- Blue (95%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.4840, -1.2246, -74.0925 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 198.4840, -1.2246, -74.0925 by changing the saturation by 10% instead.


 198.4840, -1.2246,
-74.0925


 198.4840, -1.2246,
-74.0925

255.0000, 0.0000,
0.0000


 169.1140, -0.0562,
-75.5220

 230.5530, 11.0664,
-49.5970


 139.1350, 1.4124,
-79.9254


 239.4520, 7.6652,
-31.9684

 106.0840, 5.3816,
-93.0357

 248.4220, 3.2430,
-13.5251

 87.3850, 2.2752,
-76.6366

 69.3870, -0.6838,
-60.8524

 52.2040, -3.0586,
-45.7829

 35.7220, -5.2859,

-31.3282

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 198.4840, -1.2246,
-74.0925

■ 198.4840, -1.2246,
-74.0925

■ 190.2820, -1.6180,
-87.9473

■ 206.6860, -0.8312,
-60.2376

■ 182.1940, -1.5746,
-101.9021


■ 214.7740, -0.8746,
-46.2828

■ 173.6930, -1.8206,
-116.3718


■ 223.2750, -0.6286,
-31.8132

■ 165.4910, -2.2141,
-130.2266

■ 231.4770, -0.2352,
-17.9583

 159.7240, -2.3289,
-140.0779

 239.5650, -0.2785,
-4.0035

 246.5710, 0.7045,
7.3922

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



208.2280, -26.2414, -30.0180



198.4840, -1.2246, -74.0925



179.0140, 31.5451, -131.5623

Triad

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



198.4840, -1.2246, -74.0925



212.9820, 20.7149, -17.5242



207.9070, -25.5902, 41.3006

Complementary

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



198.4840, -1.2246, -74.0925



157.5160, 1.2246, 74.0925

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.



206.7110, -4.7875, 42.3495



198.4840, -1.2246, -74.0925



222.1280, 16.2059, 28.8287

Square

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



198.4840, -1.2246, -74.0925



197.5680, 28.3140, -75.0431



213.0150, 14.2896, 36.8208



213.8620, -40.8510, 36.0780

Rectangle

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



198.4840, -1.2246, -74.0925



170.5370, 41.6403, -149.5609



213.0150, 14.2896, 36.8208



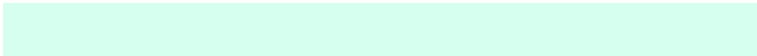
206.9270, -19.1910, 42.1600

Sweetspot

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



198.4840, -1.2246, -74.0925



241.0310, -0.5083, -23.7062



203.1890, -43.9702, -36.9998



119.4990, -0.2460, -14.4696



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.



198.4840, -1.2246, -74.0925



200.2490, -1.6018, -93.1804



193.7490, 23.7877, -69.9399



115.9560, 0.0217, -6.9774



121.4600, -1.7058, -106.5204



36.9760, -0.4812, -32.4280

Inverse Universe

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



157.5160, 1.2246, 74.0925



148.7510, 1.6018, 93.1804



162.2510, -23.7877, 69.9399



112.0440, -0.0217, 6.9774



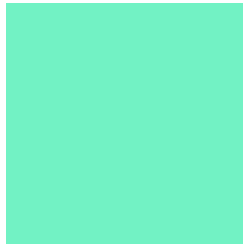
62.5400, 1.7058, 106.5204



19.0240, 0.4812, 32.4280

Previews

White Background



This preview shows how the YUV color 198.4840, -1.2246, -74.0925 looks on a white background.

Color Contrast Check

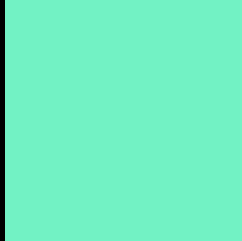
Large Text (above 18pt) WCAG AA × Fail

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 198.4840, -1.2246, -74.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

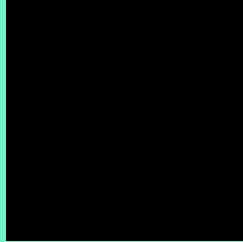
Any Text WCAG AA ✓ Pass

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 198.4840, -1.2246, -74.0925 Background



This preview shows how black text looks on a background with the YUV color 198.4840, -1.2246, -74.0925.



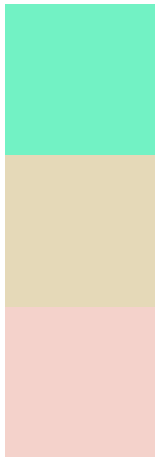
This preview shows how white text looks on a background with the YUV color 198.4840, -1.2246,

-74.0925.

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

198.4840, -1.2246, -74.0925

Protanopia

216.8260, -16.1832, 10.6766

Deuteranopia

219.3680, -8.0694, 21.6023



Tritanopia

205.3690, 23.4821, -65.2216

Trichromacy



Original Color

198.4840, -1.2246, -74.0925



Protanomaly

210.0070, -10.8495, -20.1771



Deuteranomaly

212.0170, -5.9244, -13.1699



Tritanomaly

202.9420, 14.3256, -68.3551

Monochromacy



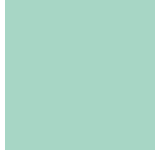
Original Color

198.4840, -1.2246, -74.0925



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.0090, -0.4974, -27.1949

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4840, -1.2246, -74.0925 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(114, 242, 196)` looks like.

```
.text, #text, p{  
    color:rgb(114, 242, 196)  
}
```

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(114, 242, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 242, 196) }
```

Border

The CSS property to change the border of an element to YUV 198.4840, -1.2246, -74.0925 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(114, 242, 196) }
```


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

```
.border{ border-color:rgb(114, 242, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 242, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 242, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 242, 196); box-shadow:4px 4px 4px 4px rgb(114, 242, 196) }
```

Background

The CSS property to change the background color of an element to YUV 198.4840, -1.2246, -74.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 242, 196) }
```

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

```
.background{ background-color: rgb(114,  
242, 196) }
```

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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