

Converting Colors

YUV(147.4840, -1.2246,
-74.0925)

Have a look what the booklet for
YUV(147.4840, -1.2246, -74.0925)
contains.

YUV(147.4840, -1.2246, -74.0925)	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(147.4840, -1.2246,
-74.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	3FBF91
RGB	63, 191, 145
RGB Percent	25%, 75%, 57%
CMY	0.7529, 0.2510, 0.4314
CMYK	0.67, 0.00, 0.24, 0.25
HSL	158°, 50%, 50%
HSV	158°, 67%, 75%
XYZ	25.7915, 40.3627, 33.2195
YIQ	147.4840, -61.5220, -41.4420

Conversions

Conversions Part 2

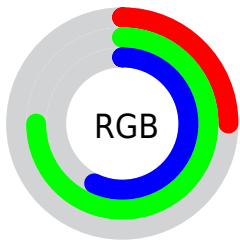
Format	Color
RYB	63, 141, 191
Decimal	4177809
CIELab	69.73, -45.81, 13.17
CIELCh	70, 47.662, 163.965
Yxy	40.3627, 0.2595, 0.4062
Android (android.graphics.Color)	4282367889 (0xFF3FBF91)
YUV	147.4840, -1.2246, -74.0925
Hunter-Lab	63.5316, -38.7159, 13.4705

Details

The YUV color **147.4840, -1.2246, -74.0925** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **106.5160, 1.2246, 74.0925**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6370, -3.2720, -70.7186**, and **91.1350, 1.4124, -79.9254** is the 20% darker color. If you saturate the color by 10%, you get **141.0050, -1.4815, -85.0734**, and if you desaturate by 10%, it is **153.9630, -0.9678, -63.1116**.

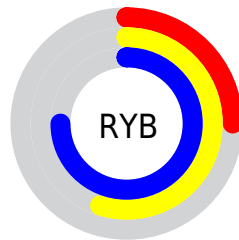
Distribution



Red (25%)

Green (75%)

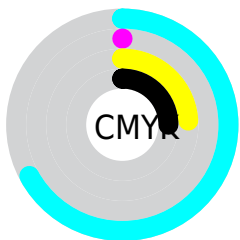
Blue (57%)



Red (25%)

Yellow (55%)

Blue (75%)

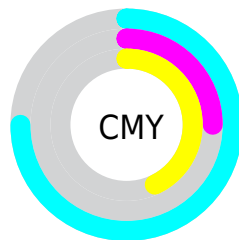


Cyan (67%)

Magenta (0%)

Yellow (24%)

Black (25%)



Cyan (75%)


Magenta (25%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.4840, -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 147.4840, -1.2246, -74.0925 by changing the saturation by 10% instead.

 147.4840, -1.2246,
-74.0925

 147.4840, -1.2246,
-74.0925


255.0000, 0.0000,
0.0000


 115.2270, 1.8601,
-83.5141


 205.6370, -3.2720,
-70.7186


 91.1350, 1.4124,
-79.9254


 221.6090, 2.6578,
-59.2931


 72.6640, -0.8204,
-63.7263


 233.7710, 10.4659,
-43.6492

 55.3670, -3.6319,
-48.5569

 242.7410, 6.0437,
-25.2059

 38.8850, -5.8593,
-34.1021

 251.7110, 1.6215,
-6.7625

 23.0070, -10.8495,
-20.1771

 0.0000, 0.0000,

0.0000

■ 147.4840, -1.2246,
-74.0925

■ 147.4840, -1.2246,
-74.0925

■ 141.0050, -1.4815,
-85.0734

■ 153.9630, -0.9678,
-63.1116

■ 134.5260, -1.7383,
-96.0543

■ 160.4420, -0.7109,
-52.1306

■ 128.0470, -1.9952,
-107.0352

■ 166.9210, -0.4541,
-41.1497

■ 126.0250, -1.9843,
-110.5239

■ 173.2860, -0.6340,
-30.0688

■ 180.0640, -0.5246,
-18.4731

■ 186.5430, -0.2677,
-7.4922

■ 193.0220, -0.0108,
3.4887

■ 199.5010, 0.2460,
14.4696

■ 205.9800, 0.5029,
25.4505

Harmonies

Analogous

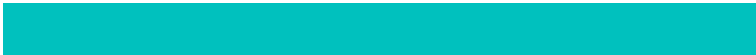
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.2500, -26.2523, -26.5293



147.4840, -1.2246, -74.0925



134.9510, 27.1392, -118.3520

Triad

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



147.4840, -1.2246, -74.0925



168.2360, 42.2817, -28.2710



169.9530, -28.5708, 64.0622

Complementary

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



147.4840, -1.2246, -74.0925



106.5160, 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.



172.2200, -9.9685, 70.8441



147.4840, -1.2246, -74.0925



174.9990, 28.5945, 21.9259

Square

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



147.4840, -1.2246, -74.0925



137.1820, 57.0983, -114.1696



174.6970, 10.0094, 56.3937



168.3080, -40.5778, 41.8259

Rectangle

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



147.4840, -1.2246, -74.0925



136.8550, 39.5115, -120.0218



174.6970, 10.0094, 56.3937



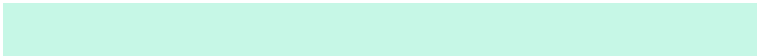
170.7670, -23.0561, 68.6103

Sweetspot

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



147.4840, -1.2246, -74.0925



230.4110, -0.2026, -28.4244



152.1890, -43.9702, -36.9998



114.7760, -0.3826, -17.3436



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



147.4840, -1.2246, -74.0925



179.7040, -1.8261, -114.6274



142.7490, 23.7877, -69.9399



90.9670, 0.0163, -5.2331



104.2600, -1.6072, -91.4360



20.4770, -0.2352, -17.9583

Inverse Universe

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



106.5160, 1.2246, 74.0925



116.4100, 2.2629, 114.5274



111.2510, -23.7877, 69.9399



88.0330, -0.0163, 5.2331



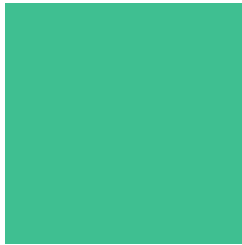
53.7400, 1.6072, 91.4360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 147.4840, -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 147.4840, -1.2246, -74.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

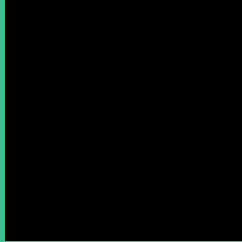
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.4840, -1.2246, -74.0925

Background



This preview shows how black text looks on a background with the YUV color 147.4840, -1.2246, -74.0925.



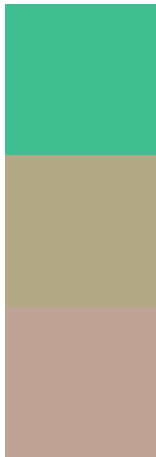
This preview shows how white text looks on a background with the YUV color 147.4840, -1.2246, -74.0925.

-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

147.4840, -1.2246, -74.0925

Protanopia

168.2990, -16.9094, 10.2618

Deuteranopia

170.3030, -9.5164, 19.0283



Tritanopia

156.1090, 21.1453, -62.3626

Trichromacy



Original Color

147.4840, -1.2246, -74.0925



Protanomaly

160.5940, -11.1388, -20.6919



Deuteranomaly

161.8920, -6.3558, -14.8143



Tritanomaly

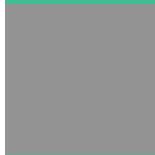
153.1980, 12.7204, -66.8256

Monochromacy



Original Color

147.4840, -1.2246, -74.0925



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.0090, -0.4974, -27.1949

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4840, -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(63, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(63, 191, 145)  
}
```

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(63, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 191, 145) }
```

Border

The CSS property to change the border of an element to YUV 147.4840, -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(63, 191, 145) }
```


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

```
.border{ border-color:rgb(63, 191, 145) }
```

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

Here you see how a box with a 4 pixel rgb(63, 191, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 191, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 191, 145);  
box-shadow:4px 4px 4px 4px rgb(63, 191,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 147.4840, -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(63, 191, 145) }
```

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

```
.background{ background-color: rgb(63, 191,  
145) }
```

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