

Converting Colors

YUV(171.3740, -74.6274,
-3.8360)

Have a look what the booklet for
YUV(171.3740, -74.6274, -3.8360)
contains.

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Color

**YUV(171.3740, -74.6274,
-3.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CB14
RGB	167, 203, 20
RGB Percent	65%, 80%, 8%
CMY	0.3451, 0.2039, 0.9216
CMYK	0.18, 0.00, 0.90, 0.20
HSL	72°, 82%, 44%
HSV	72°, 90%, 80%
XYZ	37.4186, 50.9779, 8.5294
YIQ	171.3740, 37.2870, -64.5450

Conversions

Conversions Part 2

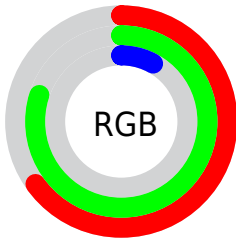
Format	Color
R _Y B	20, 203, 56
Decimal	10996500
CIE Lab	76.67, -32.97, 74.19
CIE LCh	77, 81.187, 113.957
Yxy	50.9779, 0.3861, 0.5259
Android (android.graphics.Color)	4289186580 (0xFFA7CB14)
YUV	171.3740, -74.6274, -3.8360
Hunter-Lab	71.3988, -31.3999, 42.8963

Details

The YUV color **171.3740, -74.6274, -3.8360** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **51.6260, 74.6274, 3.8360**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5190, -67.7969, -1.3322**, and **120.3530, -59.3340, -9.0796** is the 20% darker color. If you saturate the color by 10%, you get **167.8980, -82.7737, -4.2955**, and if you desaturate by 10%, it is **174.8500, -66.4810, -3.3764**.

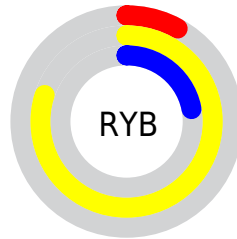
Distribution



Red (65%)

Green (80%)

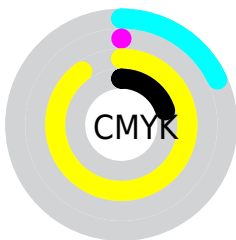
Blue (8%)



Red (8%)

Yellow (80%)

Blue (22%)

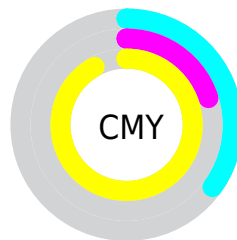


Cyan (18%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3740, -74.6274, -3.8360 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 171.3740, -74.6274, -3.8360 by changing the saturation by 10% instead.

■ 171.3740,
-74.6274, -3.8360

■ 171.3740,
-74.6274, -3.8360

■ 255.0000, 0.0000,
0.0000

■ 144.5740,
-71.2750, -5.7654

■ 227.5190,
-67.7969, -1.3322

■ 120.3530,
-59.3340, -9.0796

■ 239.3820,
-59.8413, 13.6970

■ 96.7190, -47.6825,
-12.9086

■ 242.6880,
-47.1742, 10.7976

■ 73.3730, -36.1729,
-17.8671

■ 245.9940,
-34.5070, 7.8983

■ 50.0160, -24.6579,
-24.5700

■ 249.3000,
-21.8399, 4.9989

■ 29.9370, -14.7589,
-26.2547

■ 252.6060, -9.1728,

■ 18.1970, -8.9711,

2.0995

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 171.3740,
-74.6274, -3.8360

■ 171.3740,
-74.6274, -3.8360

■ 167.8980,
-82.7737, -4.2955

■ 174.8500,
-66.4810, -3.3764

■ 178.4400,
-57.8979, -3.0169

■ 181.9160,
-49.7516, -2.5573

■ 185.3920,
-41.6053, -2.0978

■ 188.9820,
-33.0221, -1.7382

■ 192.4580,
-24.8758, -1.2787

■ 195.9340,
-16.7295, -0.8191

■ 199.4100, -8.5831,
-0.3596

■ 203.0000, 0.0000,
0.0000

Harmonies

Analogous

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



176.8220, -87.1732, 53.6531



171.3740, -74.6274, -3.8360



153.7680, -28.9726, -87.4965

Triad

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



171.3740, -74.6274, -3.8360



157.0360, 48.2963, -137.7206



166.8750, 20.2746, 77.2856

Complementary

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



171.3740, -74.6274, -3.8360



51.6260, 74.6274, 3.8360

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.



188.0820, 32.9906, 58.6871



171.3740, -74.6274, -3.8360



148.2310, 52.6371, -129.9986

Square

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



171.3740, -74.6274, -3.8360



159.7600, 43.5023, -140.1095



179.3250, 37.3078, -19.5790



161.2600, -13.9322, 82.2100

Rectangle

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



171.3740, -74.6274, -3.8360



146.2570, -0.6197, -128.2674



179.3250, 37.3078, -19.5790



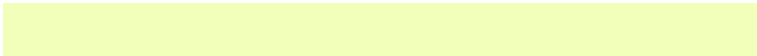
173.2470, 29.4582, 71.6974

Sweetspot

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



171.3740, -74.6274, -3.8360



242.9480, -28.0754, -1.7084



94.6750, -36.8148, 95.0010



120.6350, -16.5821, -1.4339



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.



171.3740, -74.6274, -3.8360



210.9800, -104.0131, -5.2445



144.7630, -61.5082, -58.5512



100.2620, -4.0732, -0.2298



137.2090, -67.6440, -3.6913



31.5750, -15.5665, -0.5043

Inverse Universe

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



51.6260, 74.6274, 3.8360



44.0200, 104.0131, 5.2445



78.2370, 61.5082, 58.5512



93.7380, 4.0732, 0.2298



28.7910, 67.6440, 3.6913



6.7240, 15.4191, 1.1191

Previews

White Background



This preview shows how the YUV color 171.3740, -74.6274, -3.8360 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 171.3740, -74.6274, -3.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

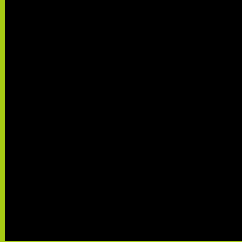
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.3740, -74.6274, -3.8360

Background



This preview shows how black text looks on a background with the YUV color 171.3740, -74.6274, -3.8360.



This preview shows how white text looks on a background with the YUV color 171.3740, -74.6274, -3.8360.

-3.8360.

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

171.3740, -74.6274, -3.8360

Protanopia

176.2260, -79.9774, 32.2508

Deuteranopia

180.7950, -69.4119, 50.1688



Tritanopia

188.9160, 7.4364, -5.1883

Trichromacy



Original Color

171.3740, -74.6274, -3.8360

Protanomaly

174.3060, -78.0449, 19.0256

Deuteranomaly

177.5060, -71.2415, 30.2512

Tritanomaly

182.4190, -22.3916, -4.7525

Monochromacy



Original Color

171.3740, -74.6274, -3.8360

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.4750, -27.3492, -1.2936

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3740, -74.6274, -3.8360 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(167, 203, 20)` looks like.

```
.text, #text, p{  
    color:rgb(167, 203, 20)  
}
```

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(167, 203, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 203, 20) }
```

Border

The CSS property to change the border of an element to YUV 171.3740, -74.6274, -3.8360 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(167, 203, 20) }
```


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

```
.border{ border-color:rgb(167, 203, 20) }
```

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

Here you see how a box with a 4 pixel rgb(167, 203, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 203, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 203, 20);  
box-shadow:4px 4px 4px 4px rgb(167, 203,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 171.3740, -74.6274, -3.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 203, 20) }
```

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

```
.background{ background-color: rgb(167,  
203, 20) }
```

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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