

Converting Colors

YUV(186.4000, -74.1472,
-17.8908)

Have a look what the booklet for
YUV(186.4000, -74.1472, -17.8908)
contains.

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Color

**YUV(186.4000, -74.1472,
-17.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E224
RGB	166, 226, 36
RGB Percent	65%, 89%, 14%
CMY	0.3490, 0.1137, 0.8588
CMYK	0.27, 0.00, 0.84, 0.11
HSL	79°, 77%, 51%
HSV	79°, 84%, 89%
XYZ	43.2407, 62.6271, 11.4783
YIQ	186.4000, 25.2300, -71.8100

Conversions

Conversions Part 2

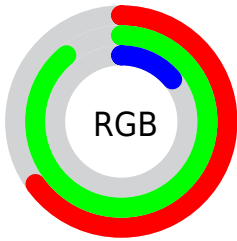
Format	Color
R _Y B	36, 226, 96
Decimal	10936868
CIE Lab	83.25, -43.23, 76.63
CIE LCh	83, 87.988, 119.429
Yxy	62.6271, 0.3685, 0.5337
Android (android.graphics.Color)	4289126948 (0xFFA6E224)
YUV	186.4000, -74.1472, -17.8908
Hunter-Lab	79.1373, -40.9577, 46.7965

Details

The YUV color **186.4000, -74.1472, -17.8908** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **75.6000, 74.1472, 17.8908**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4740, -62.8447, -3.0467**, and **132.0820, -65.1164, -21.1199** is the 20% darker color. If you saturate the color by 10%, you get **181.6850, -83.1617, -19.8947**, and if you desaturate by 10%, it is **191.1150, -65.1327, -15.8869**.

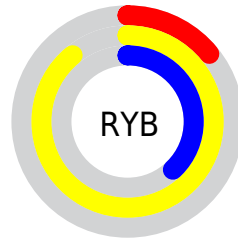
Distribution



Red (65%)

Green (89%)

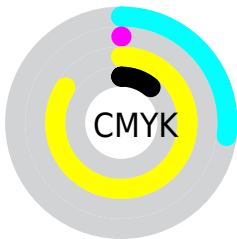
Blue (14%)



Red (14%)

Yellow (89%)

Blue (38%)

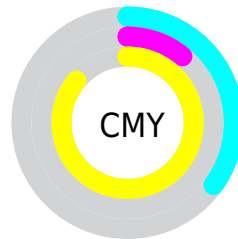


Cyan (27%)

Magenta (0%)

Yellow (84%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4000, -74.1472, -17.8908 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 186.4000, -74.1472, -17.8908 by changing the saturation by 10% instead.

■ 186.4000,
-74.1472, -17.8908

■ 186.4000,
-74.1472, -17.8908

■ 255.0000, 0.0000,
0.0000

■ 157.1890,
-77.4942, -17.7058

■ 228.4740,
-62.8447, -3.0467

■ 132.0820,
-65.1164, -21.1199

■ 240.7500,
-54.5998, 12.4972

■ 108.1490,
-53.3175, -25.5637

■ 244.0560,
-41.9326, 9.5979

■ 83.9170, -41.3711,
-30.6222

■ 247.3620,
-29.2655, 6.6985

■ 55.4990, -27.3610,
-44.2876

■ 250.7820,
-16.1615, 3.6992

■ 39.9160, -19.6786,
-35.0063

■ 254.2020, -3.0576,

■ 27.0020, -13.3120,

0.6998

-23.6808

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 186.4000,
-74.1472, -17.8908

■ 186.4000,
-74.1472, -17.8908

■ 181.6850,
-83.1617, -19.8947

■ 191.1150,
-65.1327, -15.8869

■ 179.0070,
-88.2505, -21.0541

■ 195.7160,
-56.5550, -13.7829

■ 200.4310,
-47.5405, -11.7790

■ 205.3310,
-39.1102, -9.0603

■ 210.0460,
-30.0957, -7.0563

■ 214.7610,
-21.0812, -5.0524

■ 219.3620,
-12.5035, -2.9485

■ 224.0770, -3.4890,
-0.9445

■ 228.6780, 5.0887,
1.1594

Harmonies

Analogous

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



193.3130, -95.3033, 47.9605



186.4000, -74.1472, -17.8908



153.7450, -17.6223, -134.8344

Triad

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



186.4000, -74.1472, -17.8908



168.1890, 42.7978, -147.5018



171.5540, 20.4329, 73.1821

Complementary

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



186.4000, -74.1472, -17.8908



75.6000, 74.1472, 17.8908

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.



191.6040, 31.2542, 55.5983



186.4000, -74.1472, -17.8908



157.0360, 48.2963, -137.7206

Square

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



186.4000, -74.1472, -17.8908



172.8850, 40.4827, -151.6201



198.0520, 28.0754, 1.7084



170.4240, -19.4360, 74.1732

Rectangle

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



186.4000, -74.1472, -17.8908



163.0640, 5.3914, -143.0071



198.0520, 28.0754, 1.7084



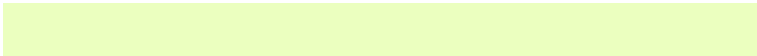
177.5670, 30.7795, 67.9087

Sweetspot

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



186.4000, -74.1472, -17.8908



241.7240, -25.0069, -5.8969



126.2690, -44.5026, 87.4641



119.6670, -15.1188, -4.0930



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.



186.4000, -74.1472, -17.8908



201.7110, -99.4435, -24.3025



158.8920, -60.5858, -74.4503



109.8490, -4.3626, -0.7446



139.1920, -68.6217, -16.8314



38.0430, -18.7552, -4.4227

Inverse Universe

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



75.6000, 74.1472, 17.8908



53.2890, 99.4435, 24.3025



103.1080, 60.5858, 74.4503



103.4500, 4.2151, 1.3593



36.8080, 68.6217, 16.8314



9.9570, 18.7552, 4.4227

Previews

White Background



This preview shows how the YUV color 186.4000, -74.1472, -17.8908 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 186.4000, -74.1472, -17.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

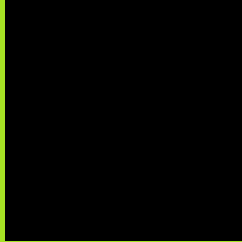
Any Text WCAG AA ✓ Pass

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 186.4000, -74.1472, -17.8908 Background



This preview shows how black text looks on a background with the YUV color 186.4000, -74.1472, -17.8908.



This preview shows how white text looks on a background with the YUV color 186.4000, -74.1472, -17.8908.

-17.8908.

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

186.4000, -74.1472, -17.8908

Protanopia

194.7100, -80.7090, 33.5803

Deuteranopia

201.5740, -57.4710, 46.8546



Tritanopia

204.7620, 10.9633, -16.4543

Trichromacy



Original Color

186.4000, -74.1472, -17.8908

Protanomaly

191.8710, -78.3234, 15.0221

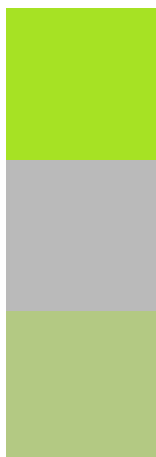
Deuteranomaly

196.4110, -63.7996, 23.3186

Tritanomaly

198.3250, -19.8802, -16.9480

Monochromacy



Original Color

186.4000, -74.1472, -17.8908

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.4420, -27.3329, -6.5266

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4000, -74.1472, -17.8908 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(166, 226, 36)` looks like.

```
.text, #text, p{  
    color:rgb(166, 226, 36)  
}
```

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(166, 226, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 226, 36) }
```

Border

The CSS property to change the border of an element to YUV 186.4000, -74.1472, -17.8908 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(166, 226, 36) }
```


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

```
.border{ border-color:rgb(166, 226, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 226, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 226, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 226, 36);  
box-shadow:4px 4px 4px 4px rgb(166, 226,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 186.4000, -74.1472, -17.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 226, 36) }
```

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

```
.background{ background-color: rgb(166,  
226, 36) }
```

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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