

Converting Colors

YUV(246.1830, -14.3872,
-5.4225)

Have a look what the booklet for
YUV(246.1830, -14.3872, -5.4225)
contains.

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Color

**YUV(246.1830, -14.3872,
-5.4225)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F0FFD9 |
| RGB | 240, 255, 217 |
| RGB Percent | 94%, 100%, 85% |
| CMY | 0.0588, 0.0000, 0.1490 |
| CMYK | 0.06, 0.00, 0.15, 0.00 |
| HSL | 84°, 100%, 93% |
| HSV | 84°, 15%, 100% |
| XYZ | 84.2196, 95.0550, 79.5542 |
| YIQ | 246.1830, 3.2580, -14.9980 |

Conversions

Conversions Part 2

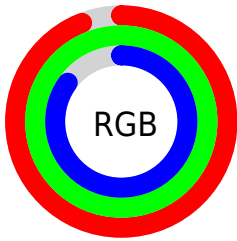
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 255, 232 |
| Decimal | 15794137 |
| CIE Lab | 98.06, -11.38, 16.51 |
| CIE LCh | 98, 20.051, 124.562 |
| Yxy | 95.0550, 0.3254, 0.3673 |
| Android (android.graphics.Color) | 4293984217 (0xFFFF0FFD9) |
| YUV | 246.1830, -14.3872, -5.4225 |
| Hunter-Lab | 97.4962, -16.4256, 19.8683 |

Details

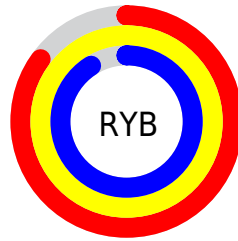
The YUV color $246.1830, -14.3872, -5.4225$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $225.8170, 14.3872, 5.4225$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.7100, -13.6610, -5.0077$ is the 20% darker color. If you saturate the color by 10%, you get $240.3430, -23.8331, -9.0708$, and if you desaturate by 10%, it is $252.1370, -4.5045, -1.8741$.

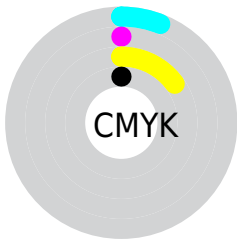
Distribution



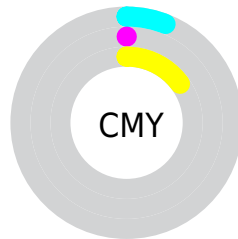
- Red (94%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.1830, -14.3872, -5.4225 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 246.1830, -14.3872, -5.4225 by changing the saturation by 10% instead.

246.1830,
-14.3872, -5.4225

246.1830,
-14.3872, -5.4225

255.0000, 0.0000,
0.0000

217.5960,
-14.0978, -4.9077

189.7100,
-13.6610, -5.0077

162.8240,
-13.2242, -5.1076

136.2370,
-12.9348, -4.5928

111.0520,
-12.3506, -5.3076

86.4650, -12.0612,
-4.7928

62.9920, -11.3351,

-4.3780

■ 40.8070, -10.7509,
-5.0927

■ 20.3340, -10.0247,
-4.6779

■ 246.1830,
-14.3872, -5.4225

■ 246.1830,
-14.3872, -5.4225

■ 240.3430,
-23.8331, -9.0708

■ 252.1370, -4.5045,
-1.8741

■ 234.3890,
-33.7158, -12.6192

255.0000, 0.0000,
0.0000

■ 228.5490,
-43.1617, -16.2675

■ 222.5950,
-53.0443, -19.8158

■ 216.7550,
-62.4902, -23.4641

■ 210.8010,
-72.3729, -27.0125

■ 204.8470,
-82.2556, -30.5608

■ 198.7080,
-91.5540, -34.8239

■ 195.7310,
-96.4954, -36.5981

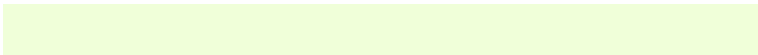
Harmonies

Analogous

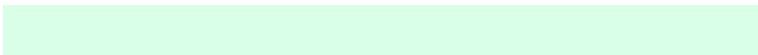
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.4620, -17.4828, 7.4878



246.1830, -14.3872, -5.4225



241.3150, -4.5923, -20.4473

Triad

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



246.1830, -14.3872, -5.4225



241.5450, 6.6333, -27.6650



242.9350, 2.0040, 10.5810

Complementary

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



246.1830, -14.3872, -5.4225



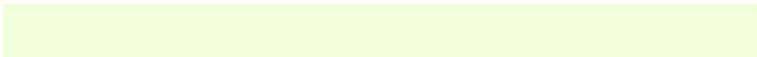
225.8170, 14.3872, 5.4225

Split Complementary

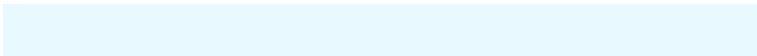
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.0210, 4.9196, 8.7516



246.1830, -14.3872, -5.4225



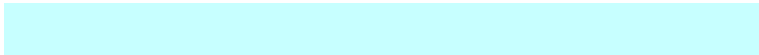
245.1880, 4.8373, -11.5659

Square

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



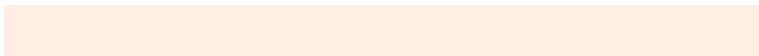
246.1830, -14.3872, -5.4225



238.2560, 8.2548, -34.4275



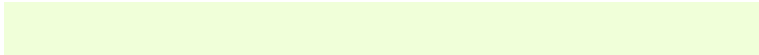
247.9560, 3.4727, 6.1776



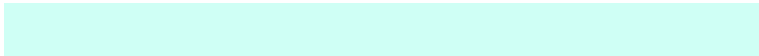
241.9430, -6.8739, 11.4510

Rectangle

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



246.1830, -14.3872, -5.4225



239.5080, 2.7076, -28.5095



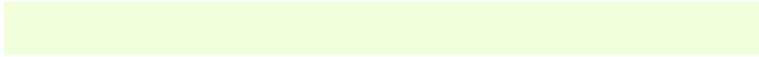
247.9560, 3.4727, 6.1776



243.7330, 5.0616, 9.8812

Sweetspot

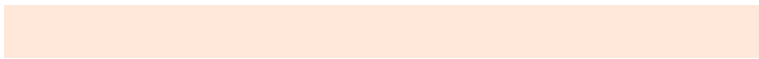
The Sweet Spot groups the original color and five complimentary colors.



246.1830, -14.3872, -5.4225



252.6640, -3.7784, -1.4593



237.1670, -9.9423, 15.6395



126.3050, -2.6154, -1.1445



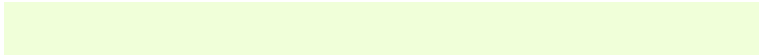
0.0000, 0.0000, 0.0000



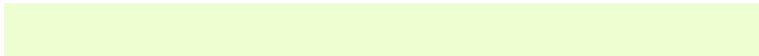
128.0000, 0.0000, 0.0000

Same Dimension

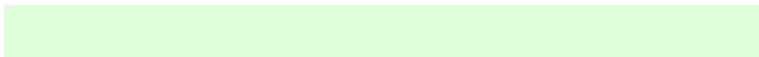
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.1830, -14.3872, -5.4225



244.3740, -17.4394, -6.4670



240.5020, -11.5865, -17.1033



124.7240, -4.7939, -2.3889



146.8010, -72.3729, -27.0125



49.2290, -24.2699, -8.9708

Inverse Universe

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



225.8170, 14.3872, 5.4225



219.6260, 17.4394, 6.4670



231.4980, 11.5865, 17.1033



117.9770, 4.9413, 1.7742



44.1990, 72.3729, 27.0125



14.7710, 24.2699, 8.9708

Previews

White Background



This preview shows how the YUV color 246.1830, -14.3872, -5.4225 looks on a white background.

Color Contrast Check

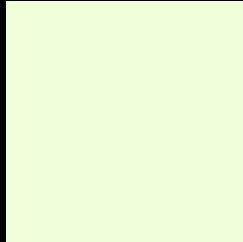
Large Text (above 18pt) WCAG AA × Fail

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 246.1830, -14.3872, -5.4225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

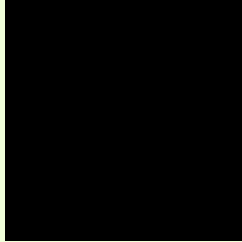
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

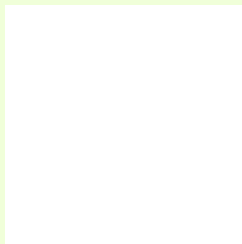
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.1830, -14.3872, -5.4225

Background



This preview shows how black text looks on a background with the YUV color 246.1830, -14.3872, -5.4225.



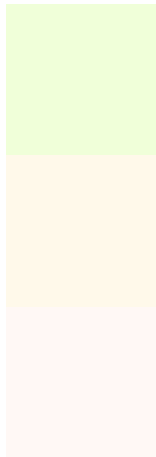
This preview shows how white text looks on a background with the YUV color 246.1830, -14.3872, -5.4225.

-5.4225.

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

246.1830, -14.3872, -5.4225

Protanopia

249.0840, -7.4364, 5.1883

Deuteranopia

249.7510, -2.3422, 4.6034

Tritanopia

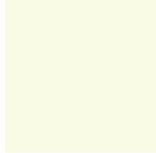
249.6840, 2.6208, -0.5999

Trichromacy



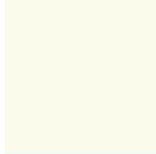
Original Color

246.1830, -14.3872, -5.4225



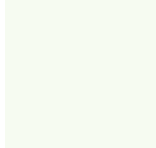
Protanomaly

248.0790, -9.8989, 1.6847



Deuteranomaly

248.8770, -6.8414, 0.9849



Tritanomaly

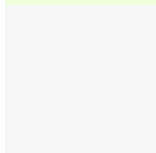
248.3650, -3.6309, -2.0741

Monochromacy



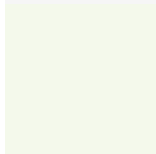
Original Color

246.1830, -14.3872, -5.4225



Achromatopsia

246.0000, 0.0000, 0.0000



Achromatomaly

245.9090, -5.3781, -1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.1830, -14.3872, -5.4225 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(240, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 217)  
}
```

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(240, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 217) }
```

Border

The CSS property to change the border of an element to YUV 246.1830, -14.3872, -5.4225 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(240, 255, 217) }
```


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

```
.border{ border-color:rgb(240, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 246.1830, -14.3872, -5.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 217) }
```

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

```
.background{ background-color: rgb(240,  
255, 217) }
```

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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