

Converting Colors

YUV(246.8500, -5.8420, 7.1476)

Have a look what the booklet for
YUV(246.8500, -5.8420, 7.1476)
contains.

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Color

**YUV(246.8500, -5.8420,
7.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5EB
RGB	255, 245, 235
RGB Percent	100%, 96%, 92%
CMY	0.0000, 0.0392, 0.0784
CMYK	0.00, 0.04, 0.08, 0.00
HSL	30°, 100%, 96%
HSV	30°, 8%, 100%
XYZ	88.8878, 92.5630, 91.7788
YIQ	246.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

Format	Color
R _{YB}	255, 255, 235
Decimal	16774635
CIE Lab	97.05, 1.67, 5.99
CIE LCh	97, 6.218, 74.387
Yxy	92.5630, 0.3253, 0.3388
Android (android.graphics.Color)	4294964715 (0xFFFFF5EB)
YUV	246.8500, -5.8420, 7.1476
Hunter-Lab	96.2097, -3.4513, 10.7873

Details

The YUV color $246.8500, -5.8420, 7.1476$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.1500, 5.8421, -7.1475$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.5510, -5.6946, 6.5328$ is the 20% darker color. If you saturate the color by 10%, you get $236.3690, -12.9999, 16.3394$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

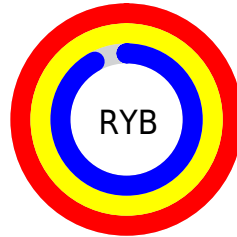
Distribution



Red (100%)

Green (96%)

Blue (92%)



Red (100%)

Yellow (100%)

Blue (92%)



Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 246.8500, -5.8420, 7.1476 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 246.8500, -5.8420, 7.1476 by changing the saturation by 10% instead.

 246.8500, -5.8420,
7.1476

 246.8500, -5.8420,
7.1476

255.0000, 0.0000,
0.0000


 218.5510, -5.6946,
6.5328

 190.5510, -5.6946,
6.5328

 163.6650, -5.2578,
6.4328

 137.3660, -5.1104,
5.8180

 111.7790, -4.8210,
6.3328

 87.4800, -4.6736,
5.7180

 64.1810, -4.5262,

5.1033

■ 42.2950, -4.0894,
5.0033

■ 21.0670, -4.9630,
5.2032

■ 246.8500, -5.8420,
7.1476

■ 246.8500, -5.8420,
7.1476

■ 236.3690,
-12.9999, 16.3394

255.0000, 0.0000,
0.0000

■ 226.3610,
-20.8840, 25.1164

■ 215.7660,
-28.4786, 34.4082

■ 205.2850,
-35.6365, 43.6001

■ 194.6900,
-43.2312, 52.8919

■ 184.7960,
-50.6784, 61.5689

■ 174.3150,
-57.8363, 70.7607

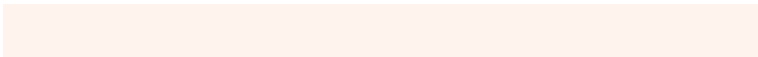
■ 163.7200,
-65.4310, 80.0526

■ 153.2390,
-72.5888, 89.2444

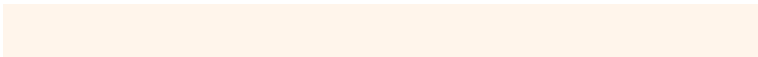
Harmonies

Analogous

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



246.0180, -3.9529, 7.8772



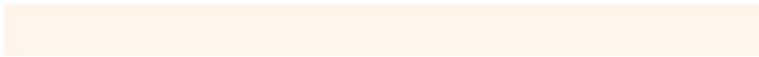
246.8500, -5.8420, 7.1476



246.2300, -5.5364, 2.4293

Triad

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



246.8500, -5.8420, 7.1476



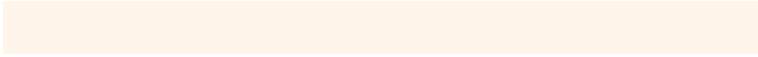
244.5040, 2.2165, -10.9660



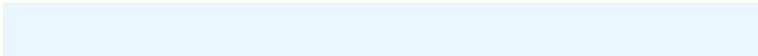
247.3470, 3.7729, 3.2037

Complementary

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



246.8500, -5.8420, 7.1476



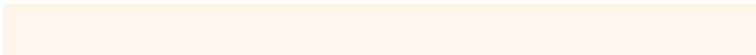
243.1500, 5.8421, -7.1475

Split Complementary

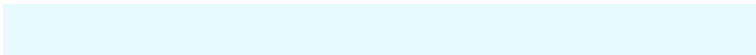
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.4280, 4.2260, -2.1294



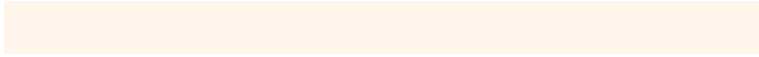
246.8500, -5.8420, 7.1476



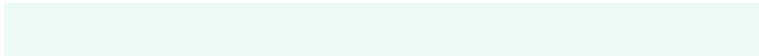
245.4870, 4.6899, -10.9511

Square

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



246.8500, -5.8420, 7.1476



244.7170, -0.8465, -8.5218



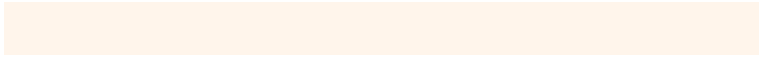
245.5090, 4.6791, -7.4624



247.3860, 1.2887, 6.6775

Rectangle

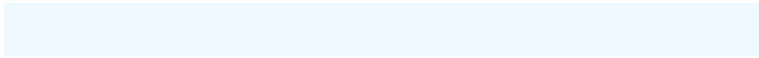
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.8500, -5.8420, 7.1476



245.4360, -4.6519, -1.2594



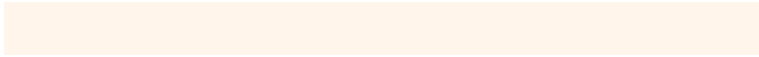
245.5090, 4.6791, -7.4624



247.3360, 3.7784, 1.4593

Sweetspot

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



246.8500, -5.8420, 7.1476



252.6690, -1.3158, 2.0443



242.1200, 1.4198, 11.2958



126.4840, -0.7316, 1.3295



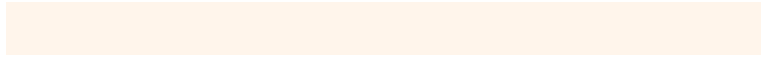
0.0000, 0.0000, 0.0000



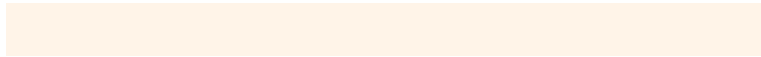
128.0000, 0.0000, 0.0000

Same Dimension

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



246.8500, -5.8420, 7.1476



245.9210, -6.8631, 7.9623



252.7200, -8.7360, 1.9996



122.4090, -3.6526, 4.9033



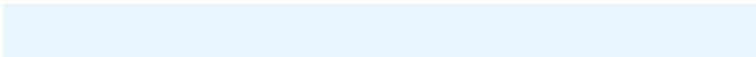
113.4610, -55.9363, 68.0017



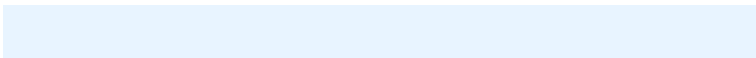
37.9200, -18.6946, 22.8722

Inverse Universe

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



243.1500, 5.8421, -7.1475



241.6660, 6.5737, -8.4771



237.2800, 8.7360, -1.9996



120.0040, 3.9420, -4.3885



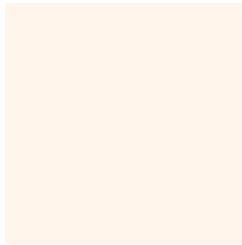
78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 246.8500, -5.8420, 7.1476 looks on a white background.

Color Contrast Check

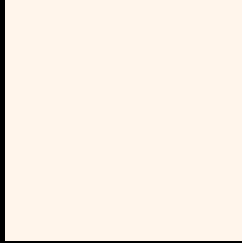
Large Text (above 18pt) WCAG AA × Fail

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 246.8500, -5.8420, 7.1476 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 246.8500, -5.8420, 7.1476

Background



This preview shows how black text looks on a background with the YUV color 246.8500, -5.8420, 7.1476.



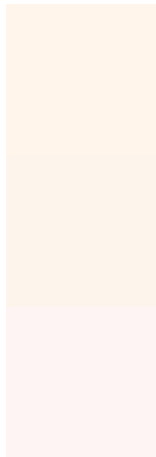
This preview shows how white text looks on a background with the YUV color 246.8500, -5.8420,

7.1476.

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

246.8500, -5.8420, 7.1476

Protanopia

246.2520, -5.5472, 5.9180

Deuteranopia

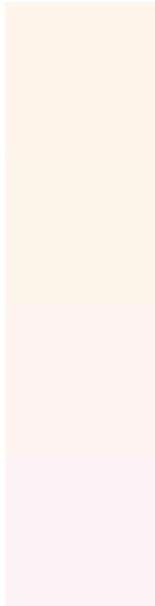
247.2890, -1.6215, 6.7625



Tritanopia

247.6570, 3.6201, 5.5628

Trichromacy



Original Color

246.8500, -5.8420, 7.1476

Protanomaly

246.5510, -5.6946, 6.5328

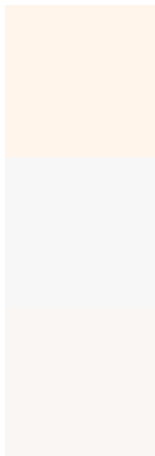
Deuteranomaly

246.9470, -2.9319, 7.0625

Tritanomaly

247.4460, 0.2731, 5.7479

Monochromacy



Original Color

246.8500, -5.8420, 7.1476

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.8500, -5.8420, 7.1476 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(255, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 235)  
}
```

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(255, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 235) }
```

Border

The CSS property to change the border of an element to YUV 246.8500, -5.8420, 7.1476 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(255, 245, 235) }
```


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

```
.border{ border-color:rgb(255, 245, 235) }
```

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

Here you see how a box with a 4 pixel rgb(255, 245, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 246.8500, -5.8420, 7.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 235) }
```

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

```
.background{ background-color: rgb(255,  
245, 235) }
```

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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