

Converting Colors

YUV(245.3850, -13.9938,
8.4324)

Have a look what the booklet for
YUV(245.3850, -13.9938, 8.4324)
contains.

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Color

**YUV(245.3850, -13.9938,
8.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6D9
RGB	255, 246, 217
RGB Percent	100%, 96%, 85%
CMY	0.0000, 0.0353, 0.1490
CMYK	0.00, 0.04, 0.15, 0.00
HSL	46°, 100%, 93%
HSV	46°, 15%, 100%
XYZ	86.7202, 92.1813, 78.8678
YIQ	245.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

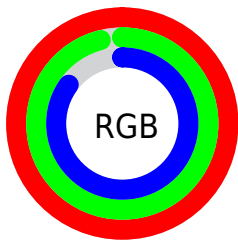
Format	Color
R_{YB}	229, 255, 217
Decimal	16774873
CIE Lab	96.89, -1.66, 15.03
CIE LCh	97, 15.122, 96.315
Yxy	92.1813, 0.3364, 0.3576
Android (android.graphics.Color)	4294964953 (0xFFFFF6D9)
YUV	245.3850, -13.9938, 8.4324
Hunter-Lab	96.0111, -6.7927, 18.5043

Details

The YUV color $245.3850, -13.9938, 8.4324$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $226.6150, 13.9938, -8.4324$, 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 $189.2000, -13.4096, 7.7176$ is the 20% darker color. If you saturate the color by 10%, you get $239.0130, -23.1774, 14.0206$, and if you desaturate by 10%, it is $251.8710, -4.3734, 2.7441$.

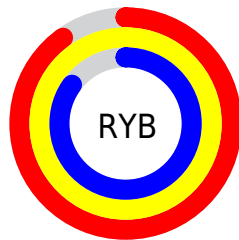
Distribution



Red (100%)

Green (96%)

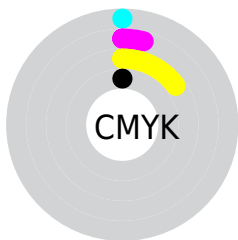
Blue (85%)



Red (90%)

Yellow (100%)

Blue (85%)

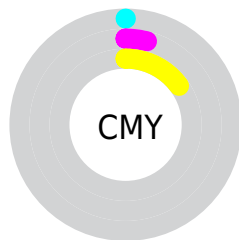


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.3850, -13.9938, 8.4324 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 245.3850, -13.9938, 8.4324 by changing the saturation by 10% instead.

245.3850,
-13.9938, 8.4324

245.3850,
-13.9938, 8.4324

255.0000, 0.0000,
0.0000

217.0860,
-13.8464, 7.8176

189.2000,
-13.4096, 7.7176

162.3140,
-12.9728, 7.6176

136.0150,
-12.8254, 7.0028

110.2430,
-11.9518, 6.8029

86.0580, -11.3676,
6.0881

62.8730, -10.7834,

5.3734

■ 40.6880, -10.1992,
4.6586

■ 20.1010, -9.9098,
5.1734

■ 245.3850,
-13.9938, 8.4324

■ 245.3850,
-13.9938, 8.4324

■ 239.0130,
-23.1774, 14.0206

■ 251.8710, -4.3734,
2.7441

■ 232.5270,
-32.7978, 19.7088

255.0000, 0.0000,
0.0000

■ 226.1550,
-41.9814, 25.2971

■ 219.6690,
-51.6018, 30.9853

■ 213.2970,
-60.7854, 36.5735

■ 206.8110,
-70.4058, 42.2618

■ 200.3250,
-80.0262, 47.9500

■ 193.9530,
-89.2098, 53.5382

■ 190.7100,
-94.0200, 56.3823

Harmonies

Analogous

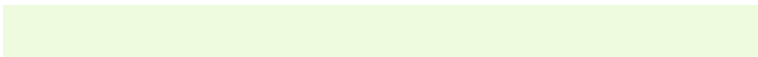
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.7920, -11.2365, 10.7064



245.3850, -13.9938, 8.4324



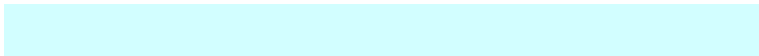
243.8070, -10.7509, -5.0927

Triad

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



245.3850, -13.9938, 8.4324



240.9580, 6.9227, -27.1502



245.0210, 4.9196, 8.7516

Complementary

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



245.3850, -13.9938, 8.4324



226.6150, 13.9938, -8.4324

Split Complementary

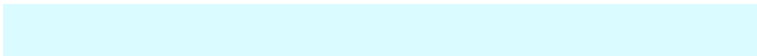
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.1840, 4.3463, 5.9776



245.3850, -13.9938, 8.4324



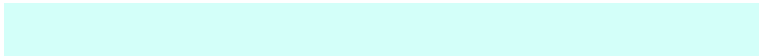
241.5890, 6.6116, -20.6876

Square

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



245.3850, -13.9938, 8.4324



241.1600, 3.8651, -26.4503



243.4380, 5.7001, -8.2771



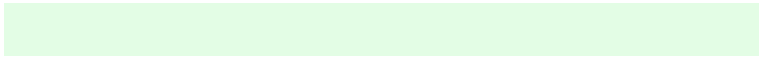
242.4790, 0.2569, 10.9809

Rectangle

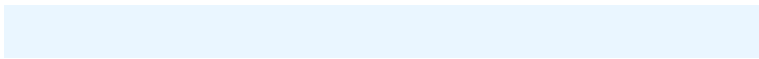
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.3850, -13.9938, 8.4324



242.4900, -6.6506, -13.5847



243.4380, 5.7001, -8.2771



245.6080, 4.6303, 8.2368

Sweetspot

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



245.3850, -13.9938, 8.4324



252.6860, -3.7892, 2.0294



229.5020, -1.2335, 22.3617



126.0280, -2.4788, 1.7294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

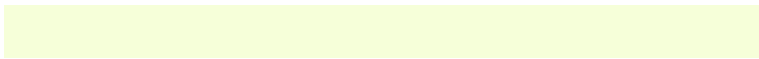
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.3850, -13.9938, 8.4324



243.2990, -16.9094, 10.2618



247.9770, -15.2717, -1.7338



124.1700, -4.5208, 3.3589



142.8110, -70.4058, 42.2618



47.8990, -23.6142, 14.1206

Inverse Universe

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



226.6150, 13.9938, -8.4324



220.7010, 16.9094, -10.2618



224.3220, 15.1243, 2.3486



118.2430, 4.8102, -2.8441



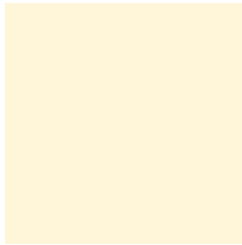
48.1890, 70.4058, -42.2618



16.1010, 23.6142, -14.1206

Previews

White Background



This preview shows how the YUV color 245.3850, -13.9938, 8.4324 looks on a white background.

Color Contrast Check

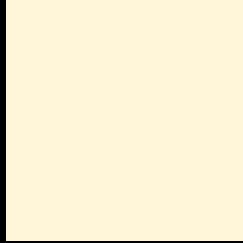
Large Text (above 18pt) WCAG AA × Fail

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 245.3850, -13.9938, 8.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

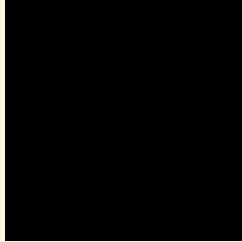
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.3850, -13.9938, 8.4324

Background



This preview shows how black text looks on a background with the YUV color 245.3850, -13.9938, 8.4324.



This preview shows how white text looks on a background with the YUV color 245.3850, -13.9938,

8.4324.

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

245.3850, -13.9938, 8.4324

Protanopia

245.4820, -11.0836, 8.3473

Deuteranopia

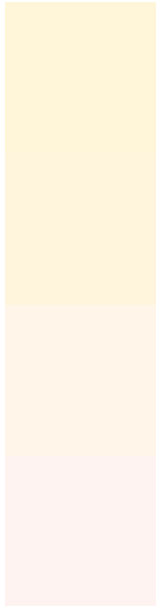
246.8330, -3.3687, 7.1625



Tritanopia

247.2550, 3.3253, 6.7924

Trichromacy



Original Color

245.3850, -13.9938, 8.4324

Protanomaly

245.2540, -11.9572, 8.5472

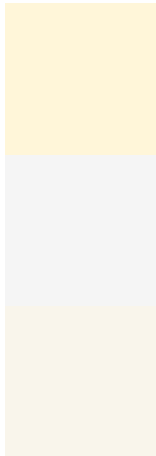
Deuteranomaly

246.5080, -7.1524, 7.4475

Tritanomaly

246.3600, -2.6425, 7.5773

Monochromacy



Original Color

245.3850, -13.9938, 8.4324

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.3850, -13.9938, 8.4324 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, 246, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 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(255, 246, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 217) }
```

Border

The CSS property to change the border of an element to YUV 245.3850, -13.9938, 8.4324 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, 246, 217) }
```


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

```
.border{ border-color:rgb(255, 246, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 245.3850, -13.9938, 8.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 217) }
```

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

```
.background{ background-color: rgb(255,  
246, 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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