

Converting Colors

YUV(246.8440, -23.5871,
5.3988)

Have a look what the booklet for
YUV(246.8440, -23.5871, 5.3988)
contains.

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Color

**YUV(246.8440, -23.5871,
5.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	FD FDC7
RGB	253, 253, 199
RGB Percent	99%, 99%, 78%
CMY	0.0078, 0.0078, 0.2196
CMYK	0.00, 0.00, 0.21, 0.01
HSL	60°, 93%, 89%
HSV	60°, 21%, 99%
XYZ	85.9421, 95.2567, 67.8896
YIQ	246.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

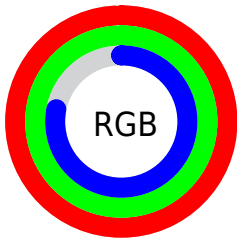
Format	Color
R _Y B	199, 253, 199
Decimal	16645575
CIE Lab	98.14, -8.47, 25.92
CIE LCh	98, 27.274, 108.094
Yxy	95.2567, 0.3450, 0.3824
Android (android.graphics.Color)	4294835655 (0xFFFD7DC7)
YUV	246.8440, -23.5871, 5.3988
Hunter-Lab	97.5996, -13.6196, 27.0780

Details

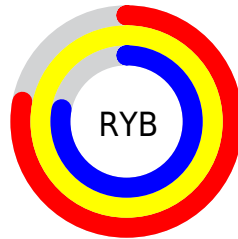
The YUV color **246.8440, -23.5871, 5.3988** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **205.1560, 23.5871, -5.3988**, and the grayscale version is **247.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **190.1860, -22.2767, 5.0989** is the 20% darker color. If you saturate the color by 10%, you get **243.9940, -34.5070, 7.8983**, and if you desaturate by 10%, it is **249.6940, -12.6671, 2.8994**.

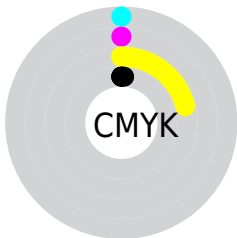
Distribution



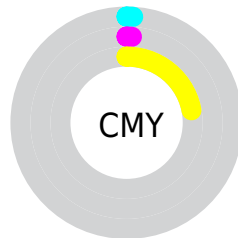
- Red (99%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.8440, -23.5871, 5.3988 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 246.8440, -23.5871, 5.3988 by changing the saturation by 10% instead.

246.8440,
-23.5871, 5.3988

246.8440,
-23.5871, 5.3988

255.0000, 0.0000,
0.0000

218.0720,
-22.7135, 5.1989

190.1860,
-22.2767, 5.0989

163.0010,
-21.6925, 4.3841

137.1150,
-21.2557, 4.2841

111.3430,
-20.3821, 4.0842

86.8590, -19.6505,
2.7547

63.0870, -18.7769,

2.5547

■ 40.4460, -19.9399,
2.2399

■ 21.2420, -10.4723,
-1.0892

■ 246.8440,
-23.5871, 5.3988

■ 246.8440,
-23.5871, 5.3988

■ 243.9940,
-34.5070, 7.8983

■ 249.6940,
-12.6671, 2.8994

■ 241.0300,
-45.8638, 10.4977

■ 252.6580, -1.3104,
0.2999

■ 238.1800,
-56.7837, 12.9971

■ 253.2280, 0.8736,
-0.2000

■ 235.3300,
-67.7037, 15.4966

■ 232.4800,
-78.6236, 17.9960

■ 229.5160,
-89.9804, 20.5955

■ 226.6660,
-100.9003, 23.0949

■ 224.1580,
-110.5099, 25.2944

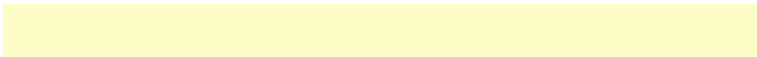
Harmonies

Analogous

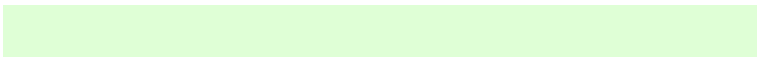
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.0450, -21.7142, 11.3615



246.8440, -23.5871, 5.3988



240.7580, -13.1917, -15.5738

Triad

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



246.8440, -23.5871, 5.3988



232.8740, 10.9081, -45.4935



241.4990, 6.6560, 11.8404

Complementary

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



246.8440, -23.5871, 5.3988



205.1560, 23.5871, -5.3988

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



246.8440, -23.5871, 5.3988



240.0500, 7.3704, -30.7388

Square

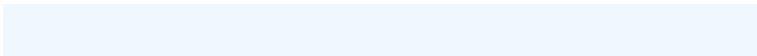
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



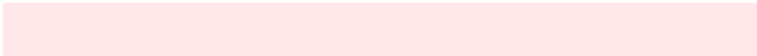
246.8440, -23.5871, 5.3988



231.9770, 11.3503, -47.3378



245.8190, 4.5262, -5.1033



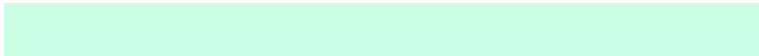
238.5180, -2.2274, 14.4547

Rectangle

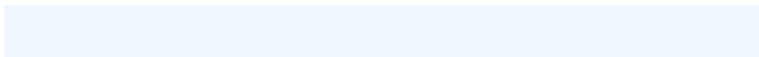
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.8440, -23.5871, 5.3988



236.4880, -3.6916, -29.3690



245.8190, 4.5262, -5.1033



242.0860, 6.3666, 11.3256

Sweetspot

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



246.8440, -23.5871, 5.3988



253.2900, -6.5520, 1.4997



215.1460, -7.9600, 33.1980



126.9740, -3.9312, 0.8998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

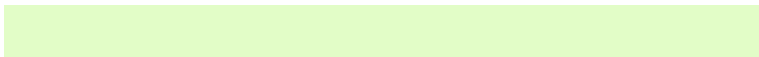
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.8440, -23.5871, 5.3988



247.4760, -28.8287, 6.5985



238.7710, -19.6071, -11.2002



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



205.1560, 23.5871, -5.3988



196.5240, 28.8287, -6.5985



213.2290, 19.6071, 11.2002



116.4820, 5.6784, -1.2997



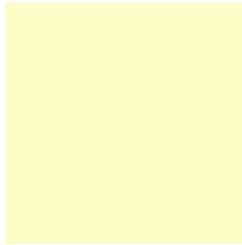
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 246.8440, -23.5871, 5.3988 looks on a white background.

Color Contrast Check

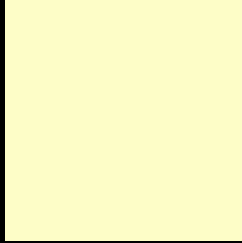
Large Text (above 18pt) WCAG AA × Fail

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 246.8440, -23.5871, 5.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

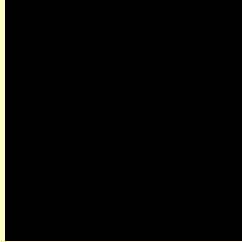
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.8440, -23.5871, 5.3988

Background



This preview shows how black text looks on a background with the YUV color 246.8440, -23.5871, 5.3988.

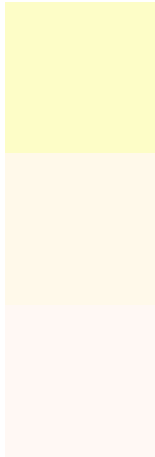


This preview shows how white text looks on a background with the YUV color 246.8440, -23.5871, 5.3988.

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

246.8440, -23.5871, 5.3988

Protanopia

249.0840, -7.4364, 5.1883

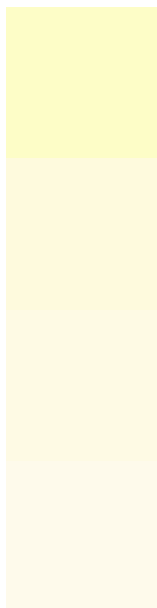
Deuteranopia

249.6370, -2.7790, 4.7034

Tritanopia

250.5920, 2.1731, 2.9888

Trichromacy



Original Color

246.8440, -23.5871, 5.3988

Protanomaly

247.8900, -13.2568, 5.3585

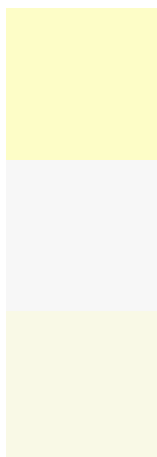
Deuteranomaly

248.6880, -10.1992, 4.6586

Tritanomaly

249.4860, -7.1416, 3.9588

Monochromacy



Original Color

246.8440, -23.5871, 5.3988

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.8340, -8.2992, 1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.8440, -23.5871, 5.3988 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(253, 253, 199)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 199)  
}
```

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(253, 253, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 199) }
```

Border

The CSS property to change the border of an element to YUV 246.8440, -23.5871, 5.3988 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(253, 253, 199) }
```


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

```
.border{ border-color:rgb(253, 253, 199) }
```

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

Here you see how a box with a 4 pixel rgb(253, 253, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 199);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 246.8440, -23.5871, 5.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 199) }
```

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

```
.background{ background-color: rgb(253,  
253, 199) }
```

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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