

Converting Colors

YUV(247.0530, -13.8301,
2.5845)

Have a look what the booklet for
YUV(247.0530, -13.8301, 2.5845)
contains.

YUV(247.0530, -13.8301, 2.5845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(247.0530, -13.8301,
2.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFBDB
RGB	250, 251, 219
RGB Percent	98%, 98%, 86%
CMY	0.0196, 0.0157, 0.1412
CMYK	0.00, 0.00, 0.13, 0.02
HSL	62°, 80%, 92%
HSV	62°, 13%, 98%
XYZ	86.7077, 94.4328, 80.6752
YIQ	247.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

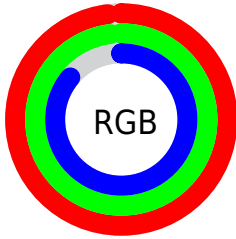
Format	Color
R _Y B	219, 251, 220
Decimal	16448475
CIE Lab	97.81, -5.62, 15.24
CIE LCh	98, 16.242, 110.230
Yxy	94.4328, 0.3312, 0.3607
Android (android.graphics.Color)	4294638555 (0xFFFAFBDB)
YUV	247.0530, -13.8301, 2.5845
Hunter-Lab	97.1766, -10.7888, 18.8015

Details

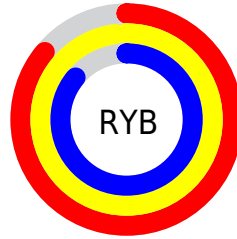
The YUV color $247.0530, -13.8301, 2.5845$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $222.9470, 13.8301, -2.5845$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.8680, -13.2459, 1.8698$ is the 20% darker color. If you saturate the color by 10%, you get $243.9040, -24.6027, 4.4692$, and if you desaturate by 10%, it is $250.2020, -3.0576, 0.6998$.

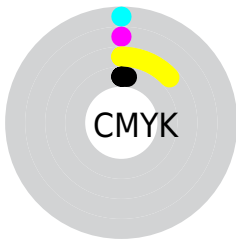
Distribution



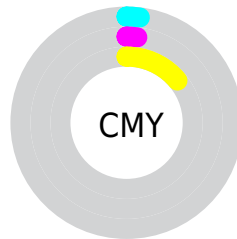
- Red (98%)
- Green (98%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.0530, -13.8301, 2.5845 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 247.0530, -13.8301, 2.5845 by changing the saturation by 10% instead.

247.0530,
-13.8301, 2.5845

247.0530,
-13.8301, 2.5845

255.0000, 0.0000,
0.0000

218.1670,
-13.3933, 2.4845

190.8680,
-13.2459, 1.8698

163.3950,
-12.5197, 2.2846

137.3950,
-12.5197, 2.2846

111.6230,
-11.6461, 2.0846

87.3240, -11.4987,
1.4699

63.8510, -10.7725,

1.8847

■ 41.6660, -10.1883,
1.1699

■ 21.8510, -10.7725,
1.8847

■ 247.0530,
-13.8301, 2.5845

■ 247.0530,
-13.8301, 2.5845

■ 243.9040,
-24.6027, 4.4692

■ 250.2020, -3.0576,
0.6998

■ 240.7550,
-35.3752, 6.3539

■ 251.7550, 1.5998,
0.2149

■ 237.9050,
-46.2952, 8.8533

■ 252.0540, 1.4524,
0.8296

■ 234.7560,
-57.0677, 10.7380

■ 252.3530, 1.3050,
1.4444

■ 231.6070,
-67.8403, 12.6227

■ 252.6520, 1.1576,
2.0592

■ 228.3440,
-79.0496, 14.6073

■ 225.4940,
-89.9695, 17.1068

■ 222.3450,
-100.7421, 18.9914

■ 219.9940,
-108.4570, 20.1763

Harmonies

Analogous

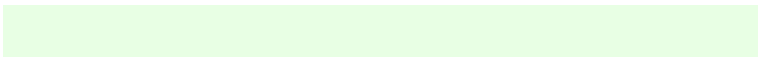
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.4990, -13.5570, 8.3324



247.0530, -13.8301, 2.5845



245.0450, -8.4032, -11.4405

Triad

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



247.0530, -13.8301, 2.5845



242.1430, 6.3385, -26.4354



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.



247.0530, -13.8301, 2.5845



222.9470, 13.8301, -2.5845

Split Complementary

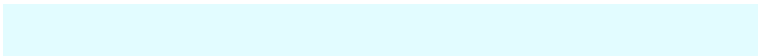
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7820, 4.0515, 7.2072



247.0530, -13.8301, 2.5845



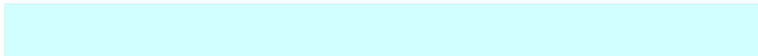
244.5680, 5.1430, -16.2841

Square

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



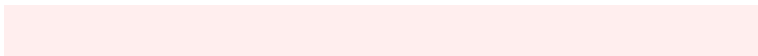
247.0530, -13.8301, 2.5845



241.2460, 6.7807, -28.2797



246.7270, 4.0786, -1.5146



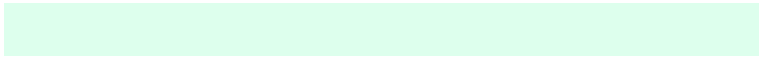
243.0830, -2.5059, 10.4512

Rectangle

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



247.0530, -13.8301, 2.5845



242.7820, -2.8505, -19.1028



246.7270, 4.0786, -1.5146



245.6080, 4.6303, 8.2368

Sweetspot

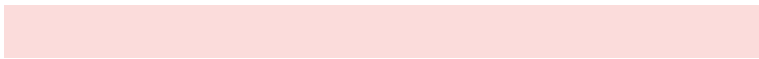
The Sweet Spot groups the original color and five complimentary colors.



247.0530, -13.8301, 2.5845



253.8600, -4.3680, 0.9998



229.1550, -5.0064, 19.1581



126.9030, -2.9102, 0.0851



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

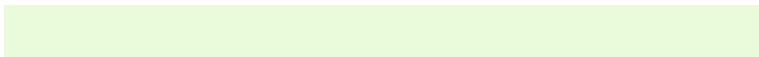
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.0530, -13.8301, 2.5845



250.3690, -16.4509, 3.1844



242.2690, -11.4716, -7.2519



123.5180, -5.6784, 1.2997



165.6600, -81.6704, 15.2072



53.4480, -26.3499, 4.8691

Inverse Universe

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



222.9470, 13.8301, -2.5845



221.6310, 16.4509, -3.1844



227.7310, 11.4716, 7.2519



113.7810, 5.5310, -0.6849



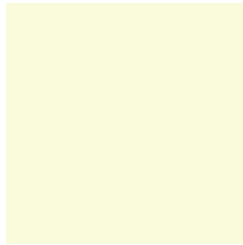
23.3400, 81.6704, -15.2072



7.5520, 26.3499, -4.8691

Previews

White Background



This preview shows how the YUV color 247.0530, -13.8301, 2.5845 looks on a white background.

Color Contrast Check

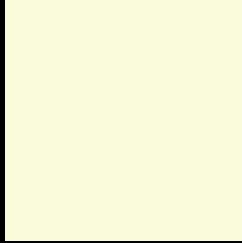
Large Text (above 18pt) WCAG AA × Fail

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 247.0530, -13.8301, 2.5845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

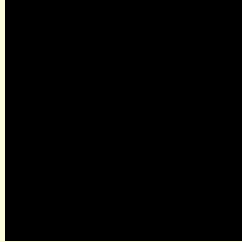
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 247.0530, -13.8301, 2.5845

Background



This preview shows how black text looks on a background with the YUV color 247.0530, -13.8301, 2.5845.



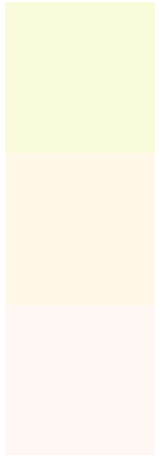
This preview shows how white text looks on a background with the YUV color 247.0530, -13.8301, 2.5845.

2.5845.

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

247.0530, -13.8301, 2.5845

Protanopia

248.2690, -8.0206, 5.9031

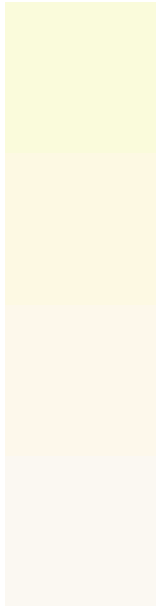
Deuteranopia

249.0500, -2.4896, 5.2182

Tritanopia

249.4070, 2.7573, 2.2741

Trichromacy



Original Color

247.0530, -13.8301, 2.5845

Protanomaly

247.6880, -10.1992, 4.6586

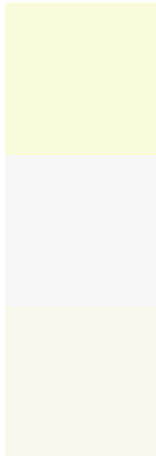
Deuteranomaly

248.0130, -6.4154, 4.3736

Tritanomaly

248.2130, -3.0630, 2.4442

Monochromacy



Original Color

247.0530, -13.8301, 2.5845

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.0530, -13.8301, 2.5845 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(250, 251, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 251, 219)  
}
```

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(250, 251, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 251, 219) }
```

Border

The CSS property to change the border of an element to YUV 247.0530, -13.8301, 2.5845 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(250, 251, 219) }
```


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

```
.border{ border-color:rgb(250, 251, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 251, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 251, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 251, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 251,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 247.0530, -13.8301, 2.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 251, 219) }
```

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

```
.background{ background-color: rgb(250,  
251, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor