

Converting Colors

YUV(249.3630, -13.9830,
4.9436)

Have a look what the booklet for
YUV(249.3630, -13.9830, 4.9436)
contains.

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Color

**YUV(249.3630, -13.9830,
4.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCDD
RGB	255, 252, 221
RGB Percent	100%, 99%, 87%
CMY	0.0000, 0.0118, 0.1333
CMYK	0.00, 0.01, 0.13, 0.00
HSL	55°, 100%, 93%
HSV	55°, 13%, 100%
XYZ	89.1015, 96.1013, 82.2599
YIQ	249.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

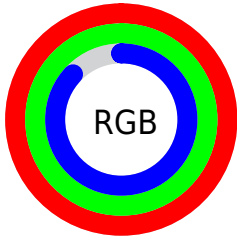
Format	Color
R _Y B	224, 255, 221
Decimal	16776413
CIE Lab	98.47, -4.07, 15.21
CIE LCh	98, 15.746, 104.966
Yxy	96.1013, 0.3331, 0.3593
Android (android.graphics.Color)	4294966493 (0xFFFFFCDD)
YUV	249.3630, -13.9830, 4.9436
Hunter-Lab	98.0313, -9.3143, 18.8705

Details

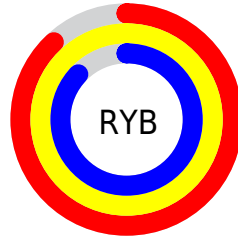
The YUV color $249.3630, -13.9830, 4.9436$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $226.6370, 13.9830, -4.9436$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.5910, -13.1094, 4.7437$ is the 20% darker color. If you saturate the color by 10%, you get $245.3390, -24.3241, 8.4727$, and if you desaturate by 10%, it is $253.5010, -3.2050, 1.3146$.

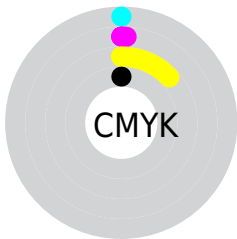
Distribution



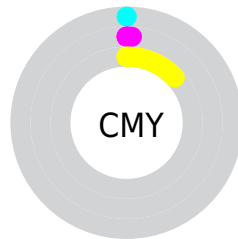
- Red (100%)
- Green (99%)
- Blue (87%)



- Red (88%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.3630, -13.9830, 4.9436 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 249.3630, -13.9830, 4.9436 by changing the saturation by 10% instead.

 249.3630,
-13.9830, 4.9436


 249.3630,
-13.9830, 4.9436


255.0000, 0.0000,
0.0000


 220.4770,
-13.5462, 4.8437

 192.5910,
-13.1094, 4.7437

 165.5910,
-13.1094, 4.7437

 139.4060,
-12.5252, 4.0289

 113.5200,
-12.0884, 3.9290

 89.3350, -11.5042,
3.2142

 65.5630, -10.6306,

3.0142

■ 43.6770, -10.1938,
2.9143

■ 22.7480, -11.2148,
3.7290

■ 249.3630,
-13.9830, 4.9436

■ 249.3630,
-13.9830, 4.9436

■ 245.3390,
-24.3241, 8.4727

■ 253.5010, -3.2050,
1.3146

■ 241.2010,
-35.1021, 12.1017

255.0000, 0.0000,
0.0000

■ 236.5900,
-45.1539, 16.1456

■ 232.4520,
-55.9318, 19.7746

■ 228.4280,
-66.2730, 23.3036

■ 224.2900,
-77.0510, 26.9327

■ 219.6790,
-87.1027, 30.9765

■ 215.5410,
-97.8807, 34.6055

■ 213.0160,
-105.0169, 36.8200

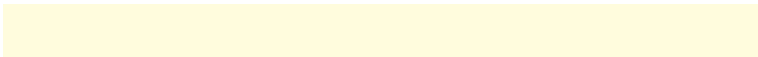
Harmonies

Analogous

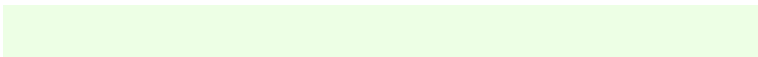
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.4280, -12.5360, 7.5176



249.3630, -13.9830, 4.9436



246.6540, -8.7034, -8.4666

Triad

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



249.3630, -13.9830, 4.9436



242.7410, 6.0437, -25.2059



246.7820, 4.0515, 7.2072

Complementary

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



249.3630, -13.9830, 4.9436



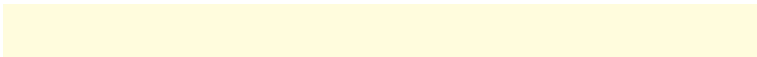
226.6370, 13.9830, -4.9436

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.



248.5430, 3.1833, 5.6628



249.3630, -13.9830, 4.9436



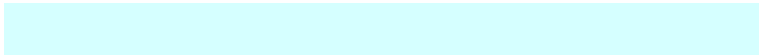
245.7420, 4.5642, -17.3137

Square

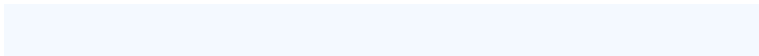
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249.3630, -13.9830, 4.9436



242.4420, 6.1911, -25.8206



248.1890, 3.3578, -3.6738



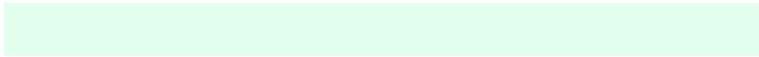
244.8270, -0.9007, 8.9217

Rectangle

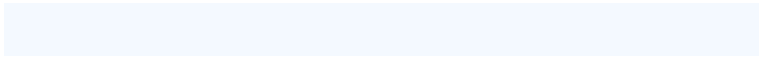
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249.3630, -13.9830, 4.9436



244.2770, -3.5876, -16.0289



248.1890, 3.3578, -3.6738



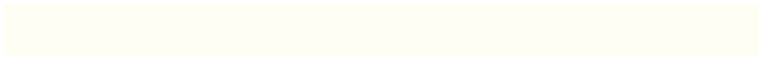
247.3690, 3.7621, 6.6924

Sweetspot

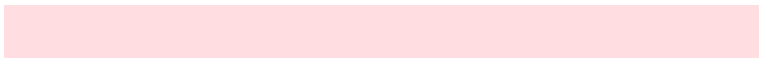
The Sweet Spot groups the original color and five complimentary colors.



249.3630, -13.9830, 4.9436



253.2730, -4.0786, 1.5146



231.5080, -3.7014, 20.6025



126.6150, -2.7682, 1.2146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

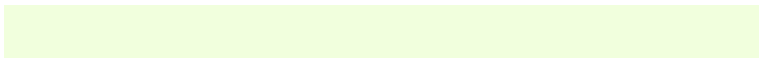
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.3630, -13.9830, 4.9436



247.9780, -16.7512, 6.1583



246.9380, -12.7874, -5.2076



125.3440, -5.0996, 2.3293



159.2470, -78.5088, 27.8474



53.1820, -26.2187, 9.4874

Inverse Universe

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



226.6370, 13.9830, -4.9436



221.0220, 16.7512, -6.1583



229.0620, 12.7874, 5.2076



117.0690, 5.3890, -1.8145



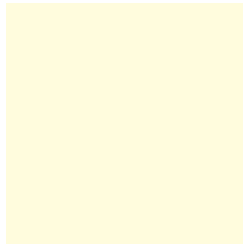
31.7530, 78.5088, -27.8474



10.8180, 26.2187, -9.4874

Previews

White Background



This preview shows how the YUV color 249.3630, -13.9830, 4.9436 looks on a white background.

Color Contrast Check

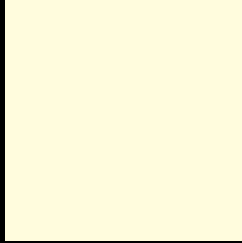
Large Text (above 18pt) WCAG AA × Fail

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 249.3630, -13.9830, 4.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

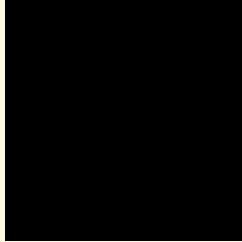
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.3630, -13.9830, 4.9436

Background



This preview shows how black text looks on a background with the YUV color 249.3630, -13.9830, 4.9436.



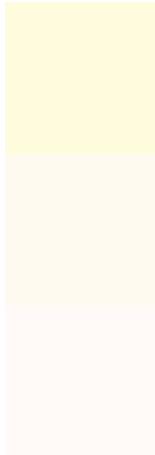
This preview shows how white text looks on a background with the YUV color 249.3630, -13.9830, 4.9436.

4.9436.

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

249.3630, -13.9830, 4.9436

Protanopia

250.3550, -5.1050, 4.0737

Deuteranopia

251.2670, -1.6106, 3.2738

Tritanopia

251.1790, 1.8838, 2.4740

Trichromacy



Original Color

249.3630, -13.9830, 4.9436

Protanomaly

250.1440, -8.4520, 4.2587

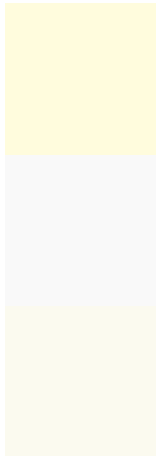
Deuteranomaly

250.7140, -6.2680, 3.7588

Tritanomaly

250.3980, -3.6472, 3.1590

Monochromacy



Original Color

249.3630, -13.9830, 4.9436

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.0450, -4.9522, 1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.3630, -13.9830, 4.9436 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, 252, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 221)  
}
```

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, 252, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 221) }
```

Border

The CSS property to change the border of an element to YUV 249.3630, -13.9830, 4.9436 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, 252, 221) }
```


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

```
.border{ border-color:rgb(255, 252, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 249.3630, -13.9830, 4.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 221) }
```

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

```
.background{ background-color: rgb(255,  
252, 221) }
```

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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