

# Converting Colors

YUV(247.4420, -23.8819,  
6.6284)

Have a look what the booklet for  
YUV(247.4420, -23.8819, 6.6284)  
contains.

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# Color

**YUV(247.4420, -23.8819,  
6.6284)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFDC7
RGB	255, 253, 199
RGB Percent	100%, 99%, 78%
CMY	0.0000, 0.0078, 0.2196
CMYK	0.00, 0.01, 0.22, 0.00
HSL	58°, 100%, 89%
HSV	58°, 22%, 100%
XYZ	86.6741, 95.6341, 67.9238
YIQ	247.4420, 18.5260, -16.3700

# Conversions

## Conversions Part 2

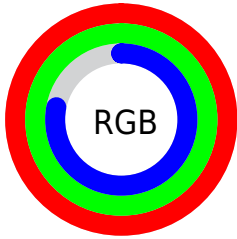
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 255, 199
Decimal	16776647
CIE Lab	98.29, -7.75, 26.16
CIE LCh	98, 27.280, 106.506
Yxy	95.6341, 0.3464, 0.3822
Android (android.graphics.Color)	4294966727 (0xFFFFFDC7)
YUV	247.4420, -23.8819, 6.6284
Hunter-Lab	97.7927, -12.9319, 27.2738

# Details

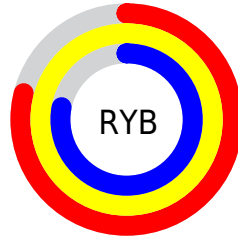
The YUV color  $247.4420, -23.8819, 6.6284$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $206.5580, 23.8819, -6.6284$ , and the grayscale version is  $248.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $190.7840, -22.5715, 6.3284$  is the 20% darker color. If you saturate the color by 10%, you get  $244.0050, -34.5125, 9.6426$ , and if you desaturate by 10%, it is  $250.9930, -12.8145, 3.5141$ .

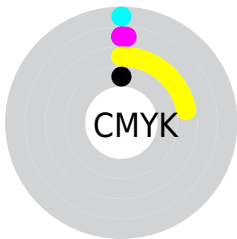
# Distribution



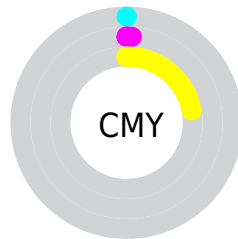
- Red (100%)
- Green (99%)
- Blue (78%)



- Red (79%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 247.4420, -23.8819, 6.6284 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 247.4420, -23.8819, 6.6284 by changing the saturation by 10% instead.



■ 247.4420,  
-23.8819, 6.6284

■ 247.4420,  
-23.8819, 6.6284

255.0000, 0.0000,  
0.0000

■ 218.6700,  
-23.0083, 6.4284

■ 190.7840,  
-22.5715, 6.3284

■ 163.5990,  
-21.9873, 5.6137

■ 137.4140,  
-21.4031, 4.8989

■ 111.6420,  
-20.5295, 4.6990

■ 87.4570, -19.9453,  
3.9842

■ 63.6850, -19.0717,

3.7843

■ 41.0440, -20.2347,  
3.4694

■ 21.8400, -10.7671,  
0.1403

■ 247.4420,  
-23.8819, 6.6284

■ 247.4420,  
-23.8819, 6.6284

■ 244.0050,  
-34.5125, 9.6426

■ 250.9930,  
-12.8145, 3.5141

■ 240.4540,  
-45.5798, 12.7568

■ 254.4300, -2.1840,  
0.4999

■ 236.9030,  
-56.6472, 15.8711

■ 255.0000, 0.0000,  
0.0000

■ 233.4660,  
-67.2777, 18.8853

■ 229.9150,  
-78.3451, 21.9995

■ 227.0650,  
-89.2650, 24.4990

■ 223.5140,  
-100.3324, 27.6132

■ 220.6470,  
-108.7790, 30.1276

# Harmonies

## Analogous

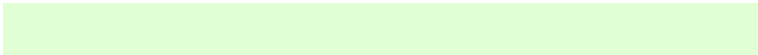
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.1590, -21.2774, 11.2616



247.4420, -23.8819, 6.6284



241.2420, -13.9233, -14.2442

# Triad

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



247.4420, -23.8819, 6.6284



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.



247.4420, -23.8819, 6.6284



206.5580, 23.8819, -6.6284

# Split Complementary

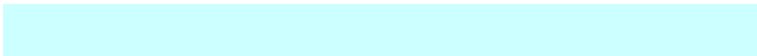
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6080, 4.6303, 8.2368



247.4420, -23.8819, 6.6284



239.7510, 7.5178, -31.3536

# Square

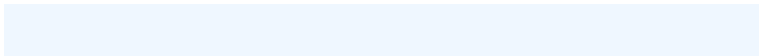
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



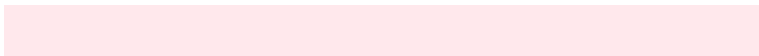
247.4420, -23.8819, 6.6284



231.9770, 11.3503, -47.3378



245.5200, 4.6736, -5.7180



239.3330, -1.6432, 13.7400

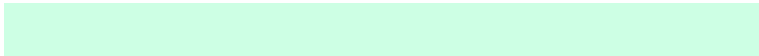


# Rectangle

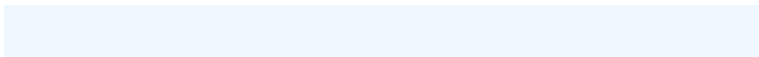
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.4420, -23.8819, 6.6284



236.9720, -4.4232, -28.0394



245.5200, 4.6736, -5.7180



242.6730, 6.0772, 10.8108

# Sweetspot

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



247.4420, -23.8819, 6.6284



252.3610, -7.5730, 2.3144



216.0860, -6.9444, 34.1276



126.1590, -4.5154, 1.6146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

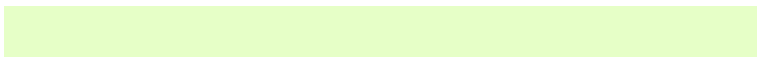
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.4420, -23.8819, 6.6284



246.3020, -28.2499, 7.6281



241.1410, -20.7755, -9.7707



125.9310, -5.3890, 1.8145



165.1170, -81.4027, 22.6994



54.9430, -27.0869, 7.9430



# Inverse Universe

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



206.5580, 23.8819, -6.6284



197.6980, 28.2499, -7.6281



212.8590, 20.7755, 9.7707



116.4820, 5.6784, -1.2997



25.8830, 81.4027, -22.6994

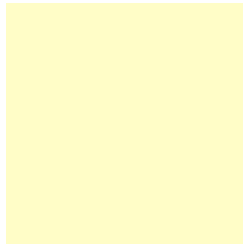


8.4700, 27.3763, -7.4282



# Previews

## White Background



This preview shows how the YUV color 247.4420, -23.8819, 6.6284 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

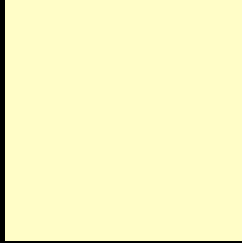
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 247.4420, -23.8819, 6.6284 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

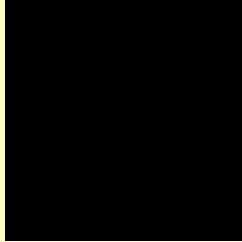
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 247.4420, -23.8819, 6.6284

## Background



This preview shows how black text looks on a background with the YUV color 247.4420, -23.8819, 6.6284.



This preview shows how white text looks on a background with the YUV color 247.4420, -23.8819, 6.6284.

6.6284.

# Color Blindness Simulation

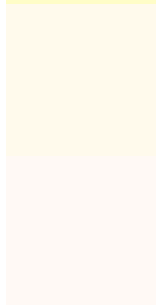
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

247.4420, -23.8819, 6.6284



### Protanopia

249.8990, -6.8522, 4.4736

### Deuteranopia

250.3380, -2.6316, 4.0886

## **Tritanopia**

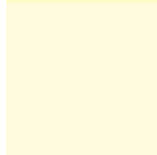
250.8910, 2.0257, 3.6036

# Trichromacy



## Original Color

247.4420, -23.8819, 6.6284



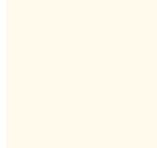
## Protanomaly

249.0040, -12.8200, 5.2585



## Deuteranomaly

248.9870, -10.3466, 5.2734



## Tritanomaly

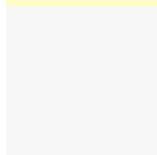
249.7850, -7.2890, 4.5736

# Monochromacy



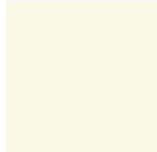
## Original Color

247.4420, -23.8819, 6.6284



## Achromatopsia

247.0000, 0.0000, 0.0000



## Achromatomaly

247.1330, -8.4466, 2.5144

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.4420, -23.8819, 6.6284 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, 253, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 253, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 199) }
```

## Border

The CSS property to change the border of an element to YUV 247.4420, -23.8819, 6.6284 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, 253, 199) }
```



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

```
.border{ border-color:rgb(255, 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(255, 253, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 247.4420, -23.8819, 6.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 199) }
```

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

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