

# Converting Colors

YUV(250.4400, -17.4719,  
3.9991)

Have a look what the booklet for  
YUV(250.4400, -17.4719, 3.9991)  
contains.

<b>YUV(250.4400, -17.4719, 3.9991)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(250.4400, -17.4719,  
3.9991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFFD7
RGB	255, 255, 215
RGB Percent	100%, 100%, 84%
CMY	0.0000, 0.0000, 0.1569
CMYK	0.00, 0.00, 0.16, 0.00
HSL	60°, 100%, 92%
HSV	60°, 16%, 100%
XYZ	89.2657, 97.6863, 78.4405
YIQ	250.4400, 12.8400, -12.4400

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 255, 215
Decimal	16777175
CIE Lab	99.10, -6.46, 19.16
CIE LCh	99, 20.216, 108.647
Yxy	97.6863, 0.3364, 0.3681
Android (android.graphics.Color)	4294967255 (0xFFFFFFFFD7)
YUV	250.4400, -17.4719, 3.9991
Hunter-Lab	98.8364, -11.7484, 22.1305

# Details

The YUV color **250.4400, -17.4719, 3.9991** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **219.5600, 17.4719, -3.9991**, and the grayscale version is **251.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **193.6680, -16.5983, 3.7992** is the 20% darker color. If you saturate the color by 10%, you get **247.5900, -28.3919, 6.4986**, and if you desaturate by 10%, it is **253.4040, -6.1152, 1.3997**.

# Distribution



- Red (100%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 250.4400, -17.4719, 3.9991 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 250.4400, -17.4719, 3.9991 by changing the saturation by 10% instead.





 250.4400,  
-17.4719, 3.9991


 250.4400,  
-17.4719, 3.9991


255.0000, 0.0000,  
0.0000


 221.5540,  
-17.0351, 3.8991

 193.6680,  
-16.5983, 3.7992

 166.7820,  
-16.1615, 3.6992

 140.4830,  
-16.0141, 3.0844

 114.7110,  
-15.1405, 2.8845

 89.9390, -14.2669,  
2.6845

 66.6400, -14.1195,

2.0697

■ 43.8680, -13.2459,  
1.8698

■ 23.6230, -11.6461,  
2.0846

■ 250.4400,  
-17.4719, 3.9991

■ 250.4400,  
-17.4719, 3.9991

■ 247.5900,  
-28.3919, 6.4986

■ 253.4040, -6.1152,  
1.3997

■ 244.6260,  
-39.7486, 9.0980

255.0000, 0.0000,  
0.0000

■ 241.7760,  
-50.6686, 11.5974

■ 238.8120,  
-62.0253, 14.1969

■ 235.9620,  
-72.9453, 16.6963

■ 232.9980,  
-84.3020, 19.2958

■ 230.0340,  
-95.6588, 21.8952

■ 227.1840,  
-106.5787, 24.3946

■ 225.9300,  
-111.3835, 25.4944

# Harmonies

## Analogous

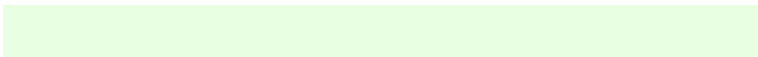
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.8040, -16.1724, 7.1879



250.4400, -17.4719, 3.9991



244.8170, -9.2768, -11.2405

# Triad

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



250.4400, -17.4719, 3.9991



240.0500, 7.3704, -30.7388



246.1950, 4.3409, 7.7220

# Complementary

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



250.4400, -17.4719, 3.9991



219.5600, 17.4719, -3.9991

# 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



250.4400, -17.4719, 3.9991



245.1330, 4.8644, -20.2876

# Square

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



250.4400, -17.4719, 3.9991



239.1530, 7.8126, -32.5832



249.6730, 2.6262, -2.3442



244.0120, -1.4849, 9.6365



# Rectangle

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



250.4400, -17.4719, 3.9991



241.8850, -2.4083, -20.9471



249.6730, 2.6262, -2.3442



246.7820, 4.0515, 7.2072

# Sweetspot

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



250.4400, -17.4719, 3.9991



253.5180, -5.6784, 1.2997



226.9600, -5.8963, 24.5911



127.0880, -3.4944, 0.7998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

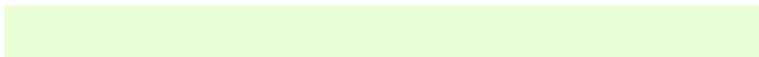
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.4400, -17.4719, 3.9991



249.5280, -20.9663, 4.7989



244.4600, -14.5238, -8.2964



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.



219.5600, 17.4719, -3.9991



212.4720, 20.9663, -4.7989



225.5400, 14.5238, 8.2964



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958

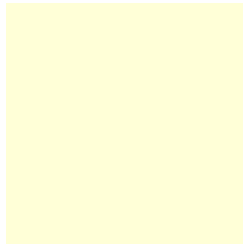


7.2960, 27.9551, -6.3986



# Previews

## White Background



This preview shows how the YUV color 250.4400, -17.4719, 3.9991 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

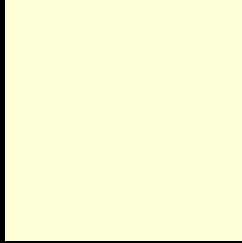
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 250.4400, -17.4719, 3.9991 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

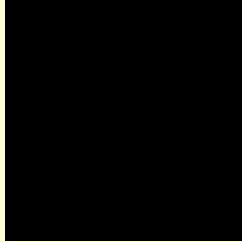
Any Text WCAG AA ✓ Pass

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 250.4400, -17.4719, 3.9991 Background



This preview shows how black text looks on a background with the YUV color 250.4400, -17.4719, 3.9991.



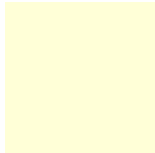
This preview shows how white text looks on a background with the YUV color 250.4400, -17.4719,

3.9991.

# 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

250.4400, -17.4719, 3.9991

### Protanopia

252.0990, -3.4998, 2.5442

### Deuteranopia

252.6690, -1.3158, 2.0443

## **Tritanopia**

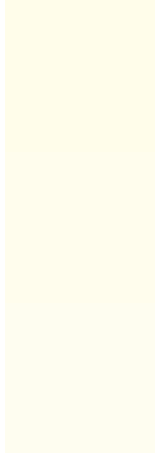
252.9400, 1.0156, 0.9296

# Trichromacy



## Original Color

250.4400, -17.4719, 3.9991



## Protanomaly

251.4320, -8.5940, 3.1291

## Deuteranomaly

251.7740, -7.2836, 2.8292

## Tritanomaly

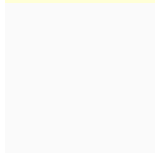
251.8170, -5.8258, 1.9145

# Monochromacy



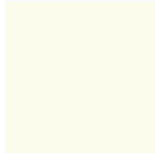
## Original Color

250.4400, -17.4719, 3.9991



## Achromatopsia

250.0000, 0.0000, 0.0000



## Achromatomaly

250.2900, -6.5520, 1.4997

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 250.4400, -17.4719, 3.9991 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, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 215)  
}
```

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, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 215) }
```

## Border

The CSS property to change the border of an element to YUV 250.4400, -17.4719, 3.9991 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, 255, 215) }
```



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

```
.border{ border-color:rgb(255, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 250.4400, -17.4719, 3.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 215) }
```

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

```
.background{ background-color: rgb(255,  
255, 215) }
```

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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