

# Converting Colors

YUV(249.7510, -2.3422, 4.6034)

Have a look what the booklet for  
YUV(249.7510, -2.3422, 4.6034)  
contains.

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# Color

**YUV(249.7510, -2.3422,  
4.6034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF8F5
RGB	255, 248, 245
RGB Percent	100%, 97%, 96%
CMY	0.0000, 0.0275, 0.0392
CMYK	0.00, 0.03, 0.04, 0.00
HSL	18°, 100%, 98%
HSV	18°, 4%, 100%
XYZ	91.2888, 94.9874, 99.9092
YIQ	249.7510, 5.1350, 0.5510

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	255, 249, 245
Decimal	16775413
CIE Lab	98.03, 1.82, 2.25
CIE LCh	98, 2.896, 51.088
Yxy	94.9874, 0.3190, 0.3319
Android (android.graphics.Color)	4294965493 (0xFFFFF8F5)
YUV	249.7510, -2.3422, 4.6034
Hunter-Lab	97.4615, -3.3627, 7.4440

# Details

The YUV color 249.7510, -2.3422, 4.6034 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.2490, 2.3422, -4.6034, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.4520, -2.1948, 3.9886 is the 20% darker color. If you saturate the color by 10%, you get 236.3350, -8.0532, 16.3692, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

# Distribution



Red (100%)

Green (97%)

Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)



Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (3%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 249.7510, -2.3422, 4.6034 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 249.7510, -2.3422, 4.6034 by changing the saturation by 10% instead.





 249.7510, -2.3422,  
4.6034

 249.7510, -2.3422,  
4.6034

255.0000, 0.0000,  
0.0000


 220.8650, -1.9054,  
4.5034

 193.4520, -2.1948,  
3.9886

 166.4520, -2.1948,  
3.9886

 139.8650, -1.9054,  
4.5034

 114.4520, -2.1948,  
3.9886

 89.5660, -1.7580,  
3.8886

 66.5660, -1.7580,

3.8886

■ 44.2670, -1.6106,  
3.2738

■ 23.9680, -1.4632,  
2.6591

■ 249.7510, -2.3422,  
4.6034

■ 249.7510, -2.3422,  
4.6034

■ 236.3350, -8.0532,  
16.3692

255.0000, 0.0000,  
0.0000

■ 222.8050,  
-14.2009, 28.2350

■ 209.3890,  
-19.9118, 40.0008

■ 196.4460,  
-26.3489, 51.3519

■ 183.0300,  
-32.0598, 63.1177

■ 169.5000,  
-38.2075, 74.9835

■ 155.9700,  
-44.3552, 86.8493

■ 142.5540,  
-50.0661, 98.6151

■ 129.1380,  
-55.7770, 110.3810

# Harmonies

## Analogous

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



249.9790, -1.4686, 4.4034



249.7510, -2.3422, 4.6034



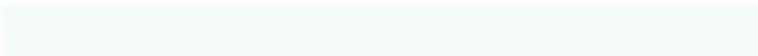
249.6260, -2.7736, 2.9590

# Triad

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



249.7510, -2.3422, 4.6034



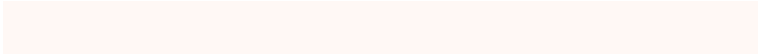
248.5650, -0.2785, -4.0035



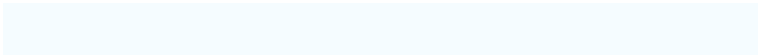
249.6840, 2.6208, -0.5999

# Complementary

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



249.7510, -2.3422, 4.6034



250.2490, 2.3422, -4.6034

# 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.



249.3740, 2.7736, -2.9590



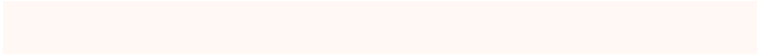
249.7510, -2.3422, 4.6034



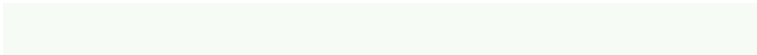
248.6080, 1.1793, -4.9182

# Square

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



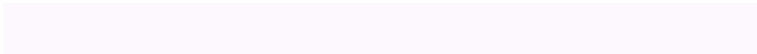
249.7510, -2.3422, 4.6034



248.9350, -1.4470, -2.5740



248.9500, 2.4897, -5.2181

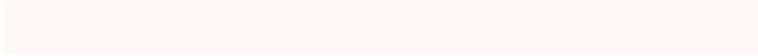


249.7660, 1.5944, 1.9592

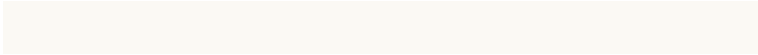


# Rectangle

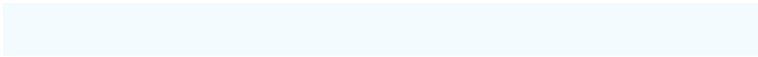
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



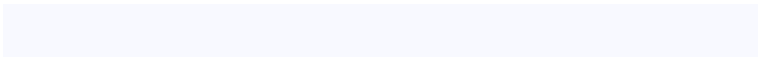
249.7510, -2.3422, 4.6034



249.0280, -2.4788, 1.7294



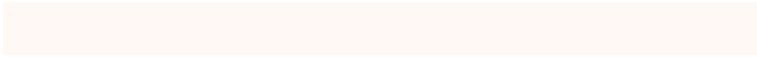
248.9500, 2.4897, -5.2181



249.3850, 2.7682, -1.2146

# Sweetspot

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



249.7510, -2.3422, 4.6034



253.4840, -0.7316, 1.3295



248.7880, 1.5835, 5.4479



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000

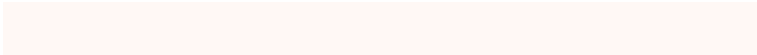


128.0000, 0.0000, 0.0000

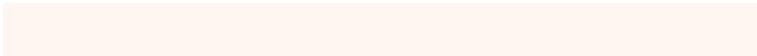


# Same Dimension

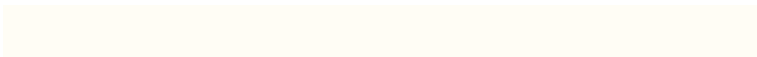
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.7510, -2.3422, 4.6034



248.2350, -3.0739, 5.9329



252.6860, -3.7892, 2.0294



123.5660, -1.7580, 3.8886



90.5680, -44.6500, 88.0789

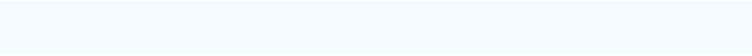


30.2890, -14.9325, 29.5645

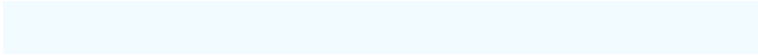


# Inverse Universe

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



250.2490, 2.3422, -4.6034



248.7650, 3.0739, -5.9329



247.3140, 3.7892, -2.0294



123.8470, 2.0474, -3.3738



100.4320, 44.6500, -88.0789

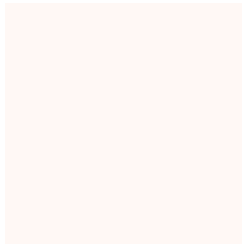


33.7110, 14.9325, -29.5645



# Previews

## White Background



This preview shows how the YUV color 249.7510, -2.3422, 4.6034 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

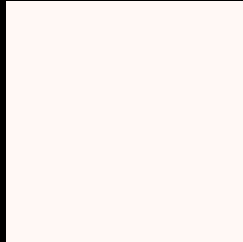
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 249.7510, -2.3422, 4.6034 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

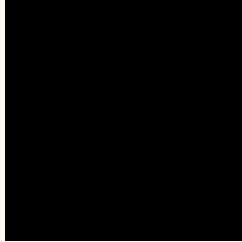
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 249.7510, -2.3422, 4.6034

## Background



This preview shows how black text looks on a background with the YUV color 249.7510, -2.3422, 4.6034.



This preview shows how white text looks on a background with the YUV color 249.7510, -2.3422,

4.6034.

# 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

249.7510, -2.3422, 4.6034

### Protanopia

249.7510, -2.3422, 4.6034

### Deuteranopia

250.2070, -0.5951, 4.2035

## **Tritanopia**

250.2930, 2.3206, 2.3740

# Trichromacy

## Original Color

249.7510, -2.3422, 4.6034

## Protanomaly

249.7510, -2.3422, 4.6034

## Deuteranomaly

250.0930, -1.0318, 4.3034

## Tritanomaly

250.1360, 0.4260, 3.3887

# Monochromacy

## Original Color

249.7510, -2.3422, 4.6034

## Achromatopsia

250.0000, 0.0000, 0.0000

## Achromatomaly

249.7830, -0.8790, 1.9443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 249.7510, -2.3422, 4.6034 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, 248, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 245)  
}
```

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, 248, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 245) }
```

## Border

The CSS property to change the border of an element to YUV 249.7510, -2.3422, 4.6034 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, 248, 245) }
```



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

```
.border{ border-color:rgb(255, 248, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 249.7510, -2.3422, 4.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 245) }
```

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

```
.background{ background-color: rgb(255,  
248, 245) }
```

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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