

# Converting Colors

YUV(251.5010, -3.2050, 1.3146)

Have a look what the booklet for  
YUV(251.5010, -3.2050, 1.3146)  
contains.

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# Color

**YUV(251.5010, -3.2050,  
1.3146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDFCF5
RGB	253, 252, 245
RGB Percent	99%, 99%, 96%
CMY	0.0078, 0.0118, 0.0392
CMYK	0.00, 0.00, 0.03, 0.01
HSL	53°, 67%, 98%
HSV	53°, 3%, 99%
XYZ	91.7998, 97.0960, 100.2892
YIQ	251.5010, 2.8430, -1.9650

# Conversions

## Conversions Part 2

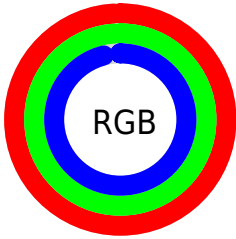
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 253, 245
Decimal	16645365
CIE Lab	98.87, -0.87, 3.45
CIE LCh	99, 3.560, 104.186
Yxy	97.0960, 0.3174, 0.3358
Android (android.graphics.Color)	4294835445 (0xFFFD <sub>FC</sub> F5)
YUV	251.5010, -3.2050, 1.3146
Hunter-Lab	98.5373, -6.1452, 8.6320

# Details

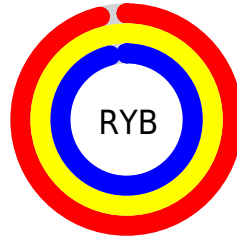
The YUV color 251.5010, -3.2050, 1.3146 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246.4990, 3.2050, -1.3146, and the grayscale version is 252.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 194.6150, -2.7682, 1.2146 is the 20% darker color. If you saturate the color by 10%, you get 246.8900, -13.2568, 5.3585, and if you desaturate by 10%, it is 254.4020, 0.2948, -1.2296.

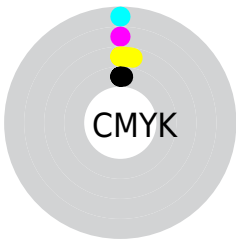
# Distribution



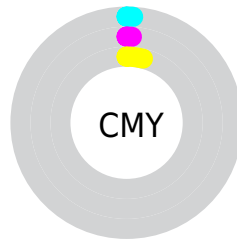
- Red (99%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 251.5010, -3.2050, 1.3146 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 251.5010, -3.2050, 1.3146 by changing the saturation by 10% instead.





 251.5010, -3.2050,  
1.3146


 251.5010, -3.2050,  
1.3146


255.0000, 0.0000,  
0.0000


 222.6150, -2.7682,  
1.2146

 194.6150, -2.7682,  
1.2146

 167.6150, -2.7682,  
1.2146

 141.6150, -2.7682,  
1.2146

 115.6150, -2.7682,  
1.2146

 91.6150, -2.7682,  
1.2146

 67.7290, -2.3314,

1.1147

■ 45.7290, -2.3314,  
1.1147

■ 24.8430, -1.8946,  
1.0147

■ 251.5010, -3.2050,  
1.3146

■ 251.5010, -3.2050,  
1.3146

■ 246.8900,  
-13.2568, 5.3585

254.4020, 0.2948,  
-1.2296

■ 242.1650,  
-23.7453, 9.5023

■ 237.5540,  
-33.7971, 13.5461

■ 232.3560,  
-43.5595, 18.1048

■ 227.6310,  
-54.0481, 22.2486

■ 223.0200,  
-64.0999, 26.2925

■ 218.4090,  
-74.1516, 30.3363

■ 213.7980,  
-84.2034, 34.3802

■ 209.0730,  
-94.6920, 38.5240

# Harmonies

## Analogous

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



251.5120, -3.2104, 3.0590



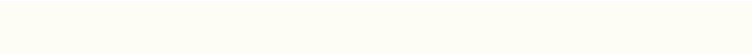
251.5010, -3.2050, 1.3146



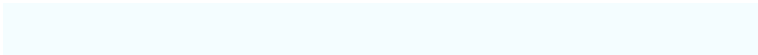
251.1200, -2.0312, -1.8592

# Triad

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



251.5010, -3.2050, 1.3146



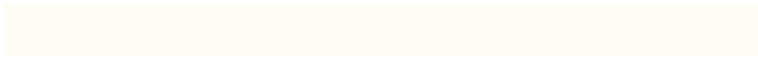
250.5370, 2.2003, -5.7329



251.9510, 1.0102, 2.6740

# Complementary

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



251.5010, -3.2050, 1.3146



246.4990, 3.2050, -1.3146

# 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.



251.7660, 1.5944, 1.9592



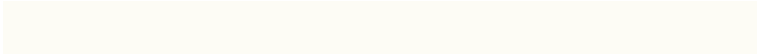
251.5010, -3.2050, 1.3146



251.1350, 1.9054, -4.5034

# Square

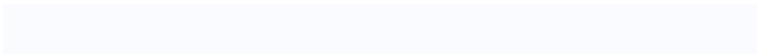
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



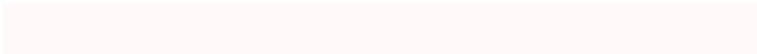
251.5010, -3.2050, 1.3146



250.8960, 1.0373, -6.0478



251.1570, 1.8946, -1.0147

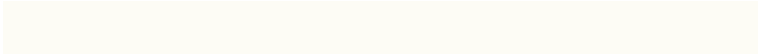


250.9080, -0.4476, 3.5887



# Rectangle

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



251.5010, -3.2050, 1.3146



251.0380, -1.0047, -4.4183



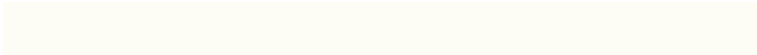
251.1570, 1.8946, -1.0147



252.0650, 1.4470, 2.5740

# Sweetspot

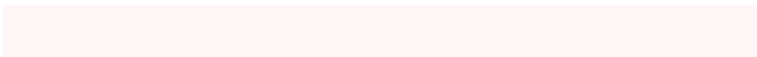
The Sweet Spot groups the original color and five complimentary colors.



251.5010, -3.2050, 1.3146



254.6580, -1.3104, 0.2999



247.5060, -0.7425, 4.8182



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

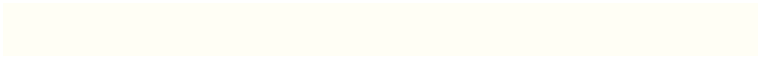


# Same Dimension

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



251.5010, -3.2050, 1.3146



253.2730, -4.0786, 1.5146



251.1910, -3.0522, -1.0445



126.6150, -2.7682, 1.2146



155.1380, -76.4830, 31.4510

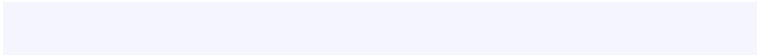


52.0080, -25.6399, 10.5170



# Inverse Universe

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



246.4990, 3.2050, -1.3146



246.7270, 4.0786, -1.5146



246.8090, 3.0522, 1.0445



122.3850, 2.7682, -1.2146



35.8620, 76.4830, -31.4510

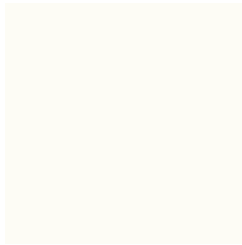


11.9920, 25.6399, -10.5170



# Previews

## White Background



This preview shows how the YUV color 251.5010, -3.2050, 1.3146 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

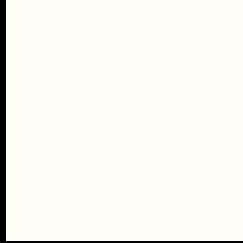
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 251.5010, -3.2050, 1.3146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

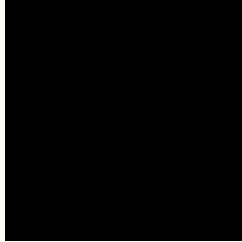
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 251.5010, -3.2050, 1.3146

## Background



This preview shows how black text looks on a background with the YUV color 251.5010, -3.2050, 1.3146.



This preview shows how white text looks on a background with the YUV color 251.5010, -3.2050, 1.3146.



# 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

251.5010, -3.2050, 1.3146

### Protanopia

251.8540, -1.9000, 2.7590

### Deuteranopia

252.1960, -0.5896, 2.4591

## **Tritanopia**

252.0540, 1.4524, 0.8296

# Trichromacy

## Original Color

251.5010, -3.2050, 1.3146

## Protanomaly

251.4410, -2.1894, 2.2442

## Deuteranomaly

251.6690, -1.3158, 2.0443

## Tritanomaly

251.5980, -0.2948, 1.2296

# Monochromacy

## Original Color

251.5010, -3.2050, 1.3146

## Achromatopsia

252.0000, 0.0000, 0.0000

## Achromatomaly

251.6580, -1.3104, 0.2999

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 251.5010, -3.2050, 1.3146 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(253, 252, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 252, 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(253, 252, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 245) }
```

## Border

The CSS property to change the border of an element to YUV 251.5010, -3.2050, 1.3146 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(253, 252, 245) }
```



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

```
.border{ border-color:rgb(253, 252, 245) }
```

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

Here you see how a box with a 4 pixel rgb(253, 252, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 252, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 252, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 252,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 251.5010, -3.2050, 1.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 245) }
```

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

```
.background{ background-color: rgb(253,  
252, 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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