

# Converting Colors

YUV(250.5660, -1.7580, 3.8886)

Have a look what the booklet for  
YUV(250.5660, -1.7580, 3.8886)  
contains.

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# Color

**YUV(250.5660, -1.7580,  
3.8886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9F7
RGB	255, 249, 247
RGB Percent	100%, 98%, 97%
CMY	0.0000, 0.0235, 0.0314
CMYK	0.00, 0.02, 0.03, 0.00
HSL	15°, 100%, 98%
HSV	15°, 3%, 100%
XYZ	91.9042, 95.7268, 101.6289
YIQ	250.5660, 4.2180, 0.6500

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 250, 247
Decimal	16775671
CIE Lab	98.32, 1.65, 1.65
CIE LCh	98, 2.338, 45.008
Yxy	95.7268, 0.3177, 0.3309
Android (android.graphics.Color)	4294965751 (0xFFFFF9F7)
YUV	250.5660, -1.7580, 3.8886
Hunter-Lab	97.8401, -3.5495, 6.9020

# Details

The YUV color 250.5660, -1.7580, 3.8886 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.4340, 1.7580, -3.8886, 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 194.2670, -1.6106, 3.2738 is the 20% darker color. If you saturate the color by 10%, you get 236.5630, -7.1796, 16.1692, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

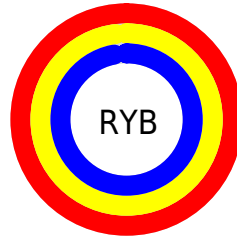
# Distribution



Red (100%)

Green (98%)

Blue (97%)



Red (100%)

Yellow (98%)

Blue (97%)



Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 250.5660, -1.7580, 3.8886 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 250.5660, -1.7580, 3.8886 by changing the saturation by 10% instead.



 250.5660, -1.7580,  
3.8886

 250.5660, -1.7580,  
3.8886

255.0000, 0.0000,  
0.0000


 221.6800, -1.3212,  
3.7886

 194.2670, -1.6106,  
3.2738

 166.6800, -1.3212,  
3.7886

 140.5660, -1.7580,  
3.8886

 115.2670, -1.6106,  
3.2738

 90.3810, -1.1738,  
3.1739

 67.2670, -1.6106,

3.2738

■ 44.9680, -1.4632,  
2.6591

■ 24.0820, -1.0264,  
2.5591

■ 250.5660, -1.7580,  
3.8886

■ 250.5660, -1.7580,  
3.8886

■ 236.5630, -7.1796,  
16.1692

255.0000, 0.0000,  
0.0000

■ 222.4460,  
-13.0379, 28.5499

■ 208.4430,  
-18.4594, 40.8305

■ 193.7390,  
-24.0283, 53.7259

■ 179.7360,  
-29.4498, 66.0065

■ 165.6190,  
-35.3082, 78.3871

■ 151.5020,  
-41.1665, 90.7677

■ 137.4990,  
-46.5880, 103.0484

■ 123.3820,  
-52.4463, 115.4290

# Harmonies

## Analogous

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



250.7940, -0.8844, 3.6887



250.5660, -1.7580, 3.8886



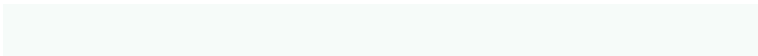
250.4410, -2.1894, 2.2442

# Triad

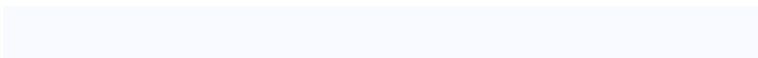
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250.5660, -1.7580, 3.8886



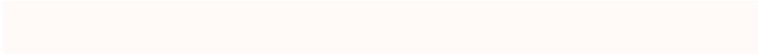
249.2770, -0.1366, -2.8739



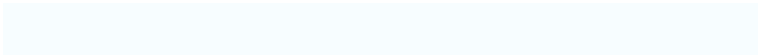
250.2710, 2.3314, -1.1147

# Complementary

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



250.5660, -1.7580, 3.8886



251.4340, 1.7580, -3.8886

# 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.



250.1460, 1.9000, -2.7590



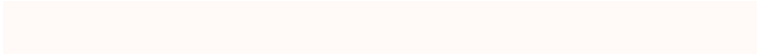
250.5660, -1.7580, 3.8886



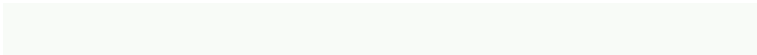
249.7930, 0.5951, -4.2035

# Square

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



250.5660, -1.7580, 3.8886



249.6470, -1.3050, -1.4444



249.4340, 1.7580, -3.8886

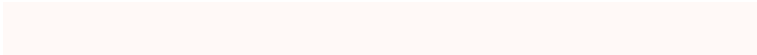


250.3530, 1.3050, 1.4444

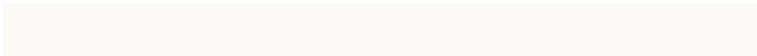


# Rectangle

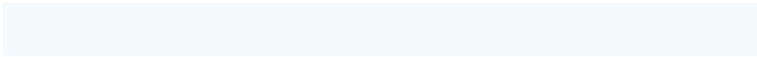
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



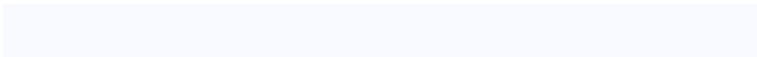
250.5660, -1.7580, 3.8886



250.1420, -2.0420, 1.6295



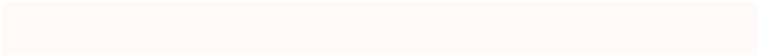
249.4340, 1.7580, -3.8886



249.9720, 2.4788, -1.7294

# Sweetspot

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



250.5660, -1.7580, 3.8886



253.4840, -0.7316, 1.3295



250.0760, 1.4415, 4.3183



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000

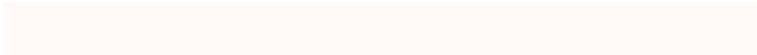


128.0000, 0.0000, 0.0000

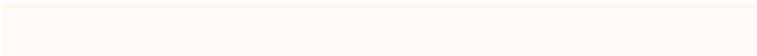


# Same Dimension

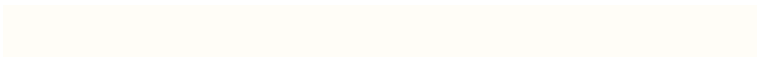
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.5660, -1.7580, 3.8886



249.1640, -2.0529, 5.1182



252.9140, -2.9156, 1.8294



124.2670, -1.6106, 3.2738



85.2850, -42.0455, 92.7121

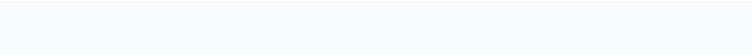


28.5280, -14.0643, 31.1089

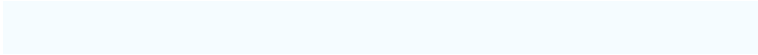


# Inverse Universe

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



251.4340, 1.7580, -3.8886



250.2490, 2.3422, -4.6034



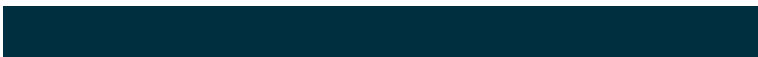
249.0860, 2.9156, -1.8294



124.7330, 1.6106, -3.2738



105.7150, 42.0455, -92.7121

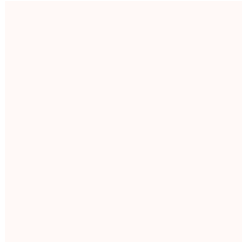


35.4720, 14.0643, -31.1089



# Previews

## White Background



This preview shows how the YUV color 250.5660, -1.7580, 3.8886 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

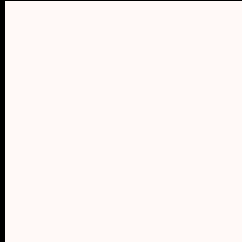
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 250.5660, -1.7580, 3.8886 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

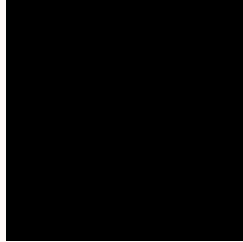
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 250.5660, -1.7580, 3.8886

## Background



This preview shows how black text looks on a background with the YUV color 250.5660, -1.7580, 3.8886.



This preview shows how white text looks on a background with the YUV color 250.5660, -1.7580,

3.8886.

# 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**

250.5660, -1.7580, 3.8886

**Protanopia**

250.5660, -1.7580, 3.8886

**Deuteranopia**

250.9080, -0.4476, 3.5887

## **Tritanopia**

250.8800, 2.0312, 1.8592

# Trichromacy

## Original Color

250.5660, -1.7580, 3.8886

## Protanomaly

250.5660, -1.7580, 3.8886

## Deuteranomaly

250.7940, -0.8844, 3.6887

## Tritanomaly

250.8370, 0.5734, 2.7740

# Monochromacy

## Original Color

250.5660, -1.7580, 3.8886

## Achromatopsia

251.0000, 0.0000, 0.0000

## Achromatomaly

250.5980, -0.2948, 1.2296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 250.5660, -1.7580, 3.8886 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, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 247)  
}
```

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, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 247) }
```

## Border

The CSS property to change the border of an element to YUV 250.5660, -1.7580, 3.8886 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, 249, 247) }
```



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

```
.border{ border-color:rgb(255, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 250.5660, -1.7580, 3.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 247) }
```

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

```
.background{ background-color: rgb(255,  
249, 247) }
```

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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