

# Converting Colors

YUV(253.8600, -4.3680, 0.9998)

Have a look what the booklet for  
YUV(253.8600, -4.3680, 0.9998)  
contains.

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# Color

**YUV(253.8600, -4.3680,  
0.9998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFFFF5
RGB	255, 255, 245
RGB Percent	100%, 100%, 96%
CMY	0.0000, 0.0000, 0.0392
CMYK	0.00, 0.00, 0.04, 0.00
HSL	60°, 100%, 98%
HSV	60°, 4%, 100%
XYZ	93.4814, 99.3726, 100.6400
YIQ	253.8600, 3.2100, -3.1100

# Conversions

## Conversions Part 2

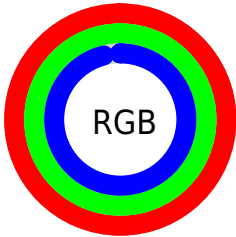
Format	Color
<a href="#">RYB</a>	<a href="#">245, 255, 245</a>
Decimal	<a href="#">16777205</a>
CIELab	<a href="#">99.76, -1.71, 4.76</a>
CIELCh	<a href="#">100, 5.059, 109.785</a>
Yxy	<a href="#">99.3726, 0.3185, 0.3386</a>
Android (android.graphics.Color)	<a href="#">4294967285</a> ( <a href="#">0xFFFFFFFF5</a> )
YUV	<a href="#">253.8600, -4.3680, 0.9998</a>
Hunter-Lab	<a href="#">99.6858, -7.0598, 9.9225</a>

# Details

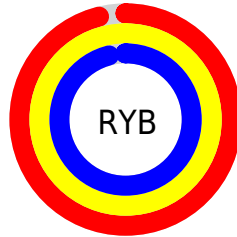
The YUV color 253.8600, -4.3680, 0.9998 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246.1400, 4.3680, -0.9998, and the grayscale version is 254.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 196.9740, -3.9312, 0.8998 is the 20% darker color. If you saturate the color by 10%, you get 251.0100, -15.2879, 3.4992, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

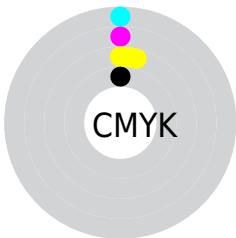
# Distribution



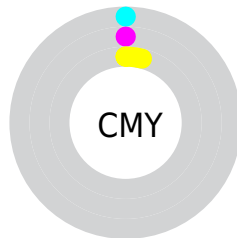
- Red (100%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 253.8600, -4.3680, 0.9998 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 253.8600, -4.3680, 0.9998 by changing the saturation by 10% instead.





 253.8600, -4.3680,  
0.9998

 253.8600, -4.3680,  
0.9998


255.0000, 0.0000,  
0.0000


 224.9740, -3.9312,  
0.8998


 196.9740, -3.9312,  
0.8998

 169.9740, -3.9312,  
0.8998

 143.9740, -3.9312,  
0.8998

 117.9740, -3.9312,  
0.8998

 93.0880, -3.4944,  
0.7998

 70.0880, -3.4944,

0.7998

■ 47.2020, -3.0576,  
0.6998

■ 26.2020, -3.0576,  
0.6998

■ 253.8600, -4.3680,  
0.9998

■ 253.8600, -4.3680,  
0.9998

■ 251.0100,  
-15.2879, 3.4992

255.0000, 0.0000,  
0.0000

■ 248.0460,  
-26.6447, 6.0987

■ 245.1960,  
-37.5646, 8.5981

■ 242.2320,  
-48.9214, 11.1975

■ 239.3820,  
-59.8413, 13.6970

■ 236.4180,  
-71.1981, 16.2964

■ 233.4540,  
-82.5548, 18.8958

■ 230.6040,  
-93.4748, 21.3953

■ 227.7540,  
-104.3947, 23.8947

# Harmonies

## Analogous


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



252.6860, -3.7892, 2.0294



253.8600, -4.3680, 0.9998



252.4080, -2.1731, -2.9888

# Triad

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



253.8600, -4.3680, 0.9998



251.7110, 1.6215, -6.7625



252.6520, 1.1576, 2.0592

# Complementary

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



253.8600, -4.3680, 0.9998



246.1400, 4.3680, -0.9998

# 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.



253.2390, 0.8682, 1.5444



253.8600, -4.3680, 0.9998



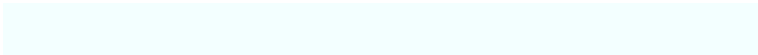
252.9070, 1.0318, -4.3034

# Square

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



253.8600, -4.3680, 0.9998



251.4120, 1.7689, -7.3773



253.8150, 0.5842, -0.7148



252.1960, -0.5896, 2.4591



# Rectangle

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



253.8600, -4.3680, 0.9998



251.8530, -0.4205, -5.1331



253.8150, 0.5842, -0.7148



252.6520, 1.1576, 2.0592

# Sweetspot

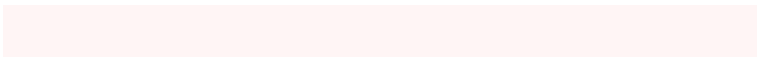
The Sweet Spot groups the original color and five complimentary colors.



253.8600, -4.3680, 0.9998



254.6580, -1.3104, 0.2999



247.9900, -1.4741, 6.1478



127.7720, -0.8736, 0.2000



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

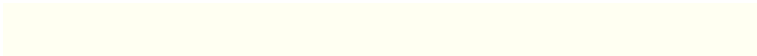


# Same Dimension

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



253.8600, -4.3680, 0.9998



253.5180, -5.6784, 1.2997



252.3650, -3.6309, -2.0741



127.0880, -3.4944, 0.7998



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.



246.1400, 4.3680, -0.9998



243.4820, 5.6784, -1.2997



247.6350, 3.6309, 2.0741



120.9120, 3.4944, -0.7998



21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986



# Previews

## White Background



This preview shows how the YUV color 253.8600, -4.3680, 0.9998 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 253.8600, -4.3680, 0.9998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

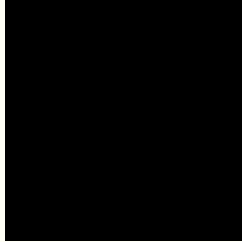
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 253.8600, -4.3680, 0.9998

## Background



This preview shows how black text looks on a background with the YUV color 253.8600, -4.3680, 0.9998.



This preview shows how white text looks on a background with the YUV color 253.8600, -4.3680, 0.9998.



# 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

253.8600, -4.3680, 0.9998

### Protanopia

254.1850, -0.5842, 0.7148

### Deuteranopia

254.2990, -0.1474, 0.6148

## Tritanopia

254.1140, 0.4368, -0.1000

# Trichromacy

## Original Color

253.8600, -4.3680, 0.9998

## Protanomaly

253.8430, -1.8946, 1.0147

## Deuteranomaly

253.9570, -1.4578, 0.9147

## Tritanomaly

253.6580, -1.3104, 0.2999

# Monochromacy

## Original Color

253.8600, -4.3680, 0.9998

## Achromatopsia

254.0000, 0.0000, 0.0000

## Achromatomaly

253.6580, -1.3104, 0.2999

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 253.8600, -4.3680, 0.9998 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 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, 255, 245) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to YUV 253.8600, -4.3680, 0.9998 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, 245) }
```



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

```
.border{ border-color:rgb(255, 255, 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, 255, 245)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to YUV 253.8600, -4.3680, 0.9998 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, 245) }
```

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

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