

Converting Colors

YUV(249.7680, -4.8156, 4.5885)

Have a look what the booklet for
YUV(249.7680, -4.8156, 4.5885)
contains.

YUV(249.7680, -4.8156, 4.5885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(249.7680, -4.8156,
4.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F0
RGB	255, 249, 240
RGB Percent	100%, 98%, 94%
CMY	0.0000, 0.0235, 0.0588
CMYK	0.00, 0.02, 0.06, 0.00
HSL	36°, 100%, 97%
HSV	36°, 6%, 100%
XYZ	90.8439, 95.3026, 96.0453
YIQ	249.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

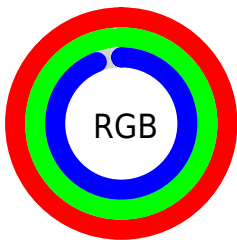
Format	Color
R_{YB}	250, 255, 240
Decimal	16775664
CIE _{Lab}	98.15, 0.47, 5.01
CIE _{LCh}	98, 5.031, 84.604
Yxy	95.3026, 0.3219, 0.3377
Android (android.graphics.Color)	4294965744 (0xFFFF9F0)
YUV	249.7680, -4.8156, 4.5885
Hunter-Lab	97.6231, -4.7359, 10.0044

Details

The YUV color 249.7680, -4.8156, 4.5885 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245.2320, 4.8156, -4.5885, 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 193.4690, -4.6682, 3.9737 is the 20% darker color. If you saturate the color by 10%, you get 241.0480, -12.8417, 12.2359, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

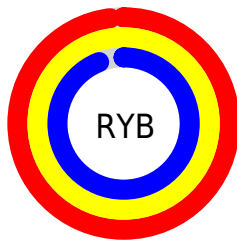
Distribution



Red (100%)

Green (98%)

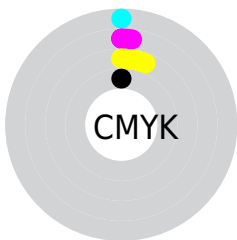
Blue (94%)



Red (98%)

Yellow (100%)

Blue (94%)

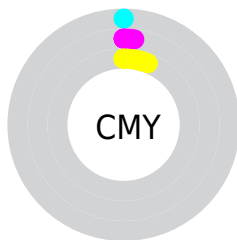


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.7680, -4.8156, 4.5885 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 249.7680, -4.8156, 4.5885 by changing the saturation by 10% instead.

 249.7680, -4.8156,
4.5885

 249.7680, -4.8156,
4.5885

255.0000, 0.0000,
0.0000


 220.8820, -4.3788,
4.4885

 193.4690, -4.6682,
3.9737

 165.8820, -4.3788,
4.4885

 139.5830, -4.2314,
3.8737

 114.5830, -4.2314,
3.8737

 89.6970, -3.7946,
3.7737

 66.3980, -3.6472,

3.1590

■ 44.3980, -3.6472,
3.1590

■ 23.3980, -3.6472,
3.1590

■ 249.7680, -4.8156,
4.5885

■ 249.7680, -4.8156,
4.5885

■ 241.0480,
-12.8417, 12.2359

255.0000, 0.0000,
0.0000

■ 232.2140,
-21.3045, 19.9833

■ 222.7930,
-29.4779, 28.2455

■ 214.0730,
-37.5040, 35.8930

■ 205.3530,
-45.5300, 43.5404

■ 196.5190,
-53.9929, 51.2878

■ 187.6850,
-62.4557, 59.0353

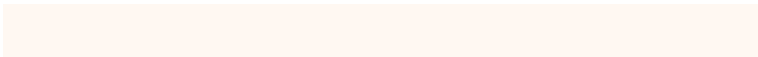
■ 178.3780,
-70.1924, 67.1975

■ 169.5440,
-78.6552, 74.9449

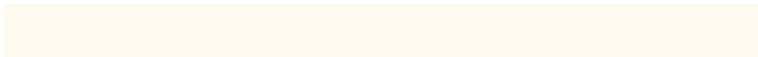
Harmonies

Analogous

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



249.4090, -3.6526, 4.9033



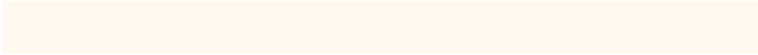
249.7680, -4.8156, 4.5885



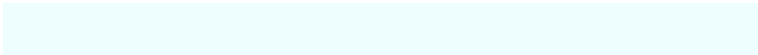
249.2620, -4.0732, -0.2298

Triad

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



249.7680, -4.8156, 4.5885



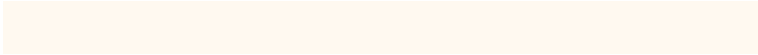
248.6290, 2.6479, -9.3216



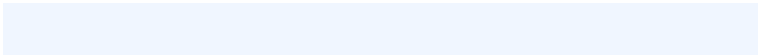
250.3040, 2.3151, 4.1184

Complementary

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



249.7680, -4.8156, 4.5885



245.2320, 4.8156, -4.5885

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.



249.9830, 2.4734, 0.0149



249.7680, -4.8156, 4.5885



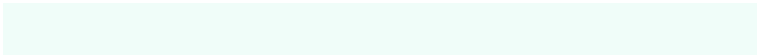
248.7540, 3.0793, -7.6773

Square

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



249.7680, -4.8156, 4.5885



248.6570, 0.1691, -7.5922



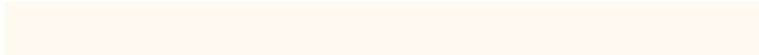
248.7760, 3.0684, -4.1886



249.8480, 0.5679, 4.5183

Rectangle

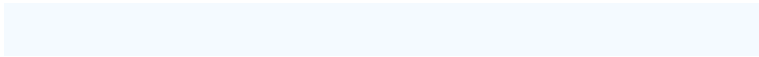
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249.7680, -4.8156, 4.5885



249.1800, -3.0467, -2.7889



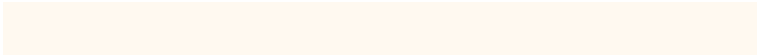
248.7760, 3.0684, -4.1886



250.5920, 2.1731, 2.9888

Sweetspot

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



249.7680, -4.8156, 4.5885



253.2560, -1.6052, 1.5295



245.1690, 0.4097, 8.6218



126.4840, -0.7316, 1.3295



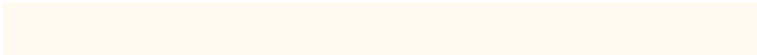
0.0000, 0.0000, 0.0000



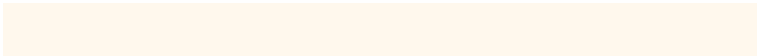
128.0000, 0.0000, 0.0000

Same Dimension

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



249.7680, -4.8156, 4.5885



248.8390, -5.8366, 5.4032



252.9910, -6.4046, 0.8849



123.8110, -3.3578, 3.6738



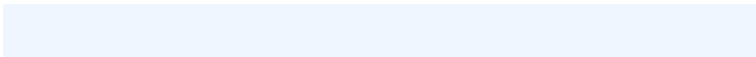
124.6140, -61.4347, 58.2205



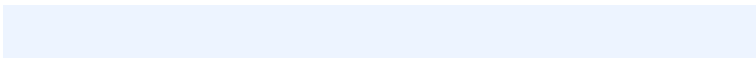
41.4420, -20.4309, 19.7834

Inverse Universe

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



245.2320, 4.8156, -4.5885



243.1610, 5.8366, -5.4032



242.0090, 6.4046, -0.8849



120.6020, 3.6472, -3.1590



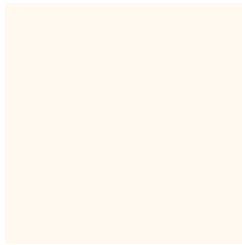
66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834

Previews

White Background



This preview shows how the YUV color 249.7680, -4.8156, 4.5885 looks on a white background.

Color Contrast Check

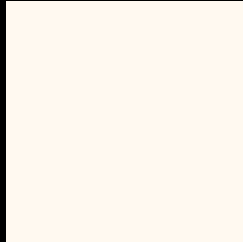
Large Text (above 18pt) WCAG AA × Fail

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 249.7680, -4.8156, 4.5885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

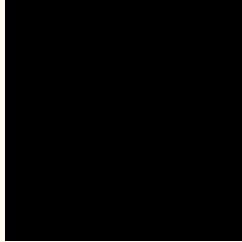
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.7680, -4.8156, 4.5885

Background



This preview shows how black text looks on a background with the YUV color 249.7680, -4.8156, 4.5885.



This preview shows how white text looks on a background with the YUV color 249.7680, -4.8156,

4.5835.

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

249.7680, -4.8156, 4.5885

Protanopia

249.9960, -3.9420, 4.3885

Deuteranopia

250.0930, -1.0318, 4.3034

Tritanopia

250.2930, 2.3206, 2.3740

Trichromacy

A vertical color bar for Trichromacy, divided into four horizontal sections. The top section is a bright yellow, the second is a lighter yellow, the third is a pale yellow, and the bottom is a very light yellow.

Original Color

249.7680, -4.8156, 4.5885

Protanomaly

249.8820, -4.3788, 4.4885

Deuteranomaly

249.7510, -2.3422, 4.6034

Tritanomaly

250.0220, -0.0108, 3.4887

Monochromacy

A vertical color bar for Monochromacy, divided into two horizontal sections. The top section is a bright yellow, and the bottom section is a very light yellow.

Original Color

249.7680, -4.8156, 4.5885

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.7680, -4.8156, 4.5885 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 240) }
```

Border

The CSS property to change the border of an element to YUV 249.7680, -4.8156, 4.5885 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, 240) }
```


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

```
.border{ border-color:rgb(255, 249, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 249.7680, -4.8156, 4.5885 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
249, 240) }
```

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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