

Converting Colors

YUV(249.2780, -1.6161, 5.0182)

Have a look what the booklet for
YUV(249.2780, -1.6161, 5.0182)
contains.

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Color

**YUV(249.2780, -1.6161,
5.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7F6
RGB	255, 247, 246
RGB Percent	100%, 97%, 96%
CMY	0.0000, 0.0314, 0.0353
CMYK	0.00, 0.03, 0.04, 0.00
HSL	7°, 100%, 98%
HSV	7°, 4%, 100%
XYZ	91.1353, 94.4353, 100.6133
YIQ	249.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

Format	Color
RYB	255, 247, 246
Decimal	16775158
CIELab	97.81, 2.50, 1.42
CIELCh	98, 2.870, 29.570
Yxy	94.4353, 0.3185, 0.3300
Android (android.graphics.Color)	4294965238 (0xFFFFF7F6)
YUV	249.2780, -1.6161, 5.0182
Hunter-Lab	97.1779, -2.6604, 6.6385

Details

The YUV color 249.2780, -1.6161, 5.0182 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.7220, 1.6161, -5.0182, and the grayscale version is 249.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 192.9790, -1.4686, 4.4034 is the 20% darker color. If you saturate the color by 10%, you get 232.9270, -5.8800, 19.3580, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

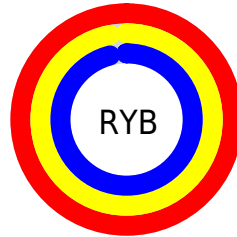
Distribution



Red (100%)

Green (97%)

Blue (96%)



Red (100%)

Yellow (97%)

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 249.2780, -1.6161, 5.0182 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 249.2780, -1.6161, 5.0182 by changing the saturation by 10% instead.


 249.2780, -1.6161,
5.0182


 249.2780, -1.6161,
5.0182

255.0000, 0.0000,
0.0000


 220.9790, -1.4686,
4.4034

 192.9790, -1.4686,
4.4034

 165.9790, -1.4686,
4.4034

 139.2780, -1.6161,
5.0182

 113.9790, -1.4686,
4.4034

 89.6800, -1.3212,
3.7886

 66.0930, -1.0318,

4.3034

■ 43.7940, -0.8844,
3.6887

■ 23.3810, -1.1738,
3.1739

■ 249.2780, -1.6161,
5.0182

■ 249.2780, -1.6161,
5.0182

■ 232.9270, -5.8800,
19.3580

255.0000, 0.0000,
0.0000

■ 217.0490,
-10.8702, 33.2830

■ 200.6980,
-15.1341, 47.6229

■ 184.2330,
-19.8349, 62.0627

■ 168.4690,
-24.3882, 75.8877

■ 152.0040,
-29.0890, 90.3275

■ 135.5390,
-33.7897, 104.7673

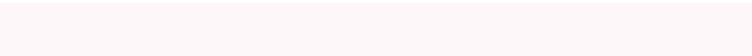
■ 119.7750,
-38.3431, 118.5923

■ 103.3100,
-43.0438, 133.0321

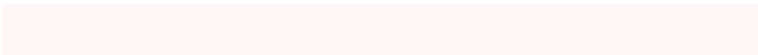
Harmonies

Analogous

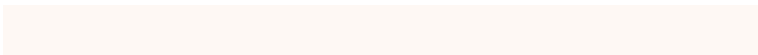
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.3210, -0.1583, 4.1035



249.2780, -1.6161, 5.0182



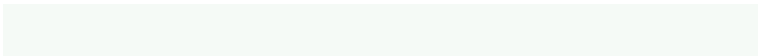
249.3380, -2.6316, 4.0886

Triad

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



249.2780, -1.6161, 5.0182



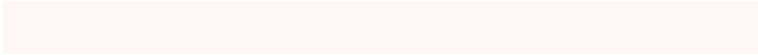
248.0490, -1.0102, -2.6740



248.6730, 2.6262, -2.3442

Complementary

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



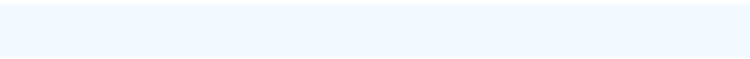
249.2780, -1.6161, 5.0182



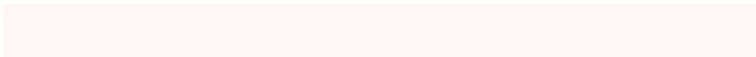
251.7220, 1.6161, -5.0182

Split Complementary

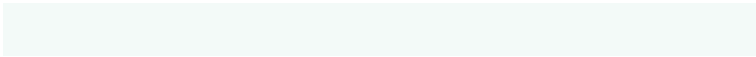
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.2490, 2.3422, -4.6034



249.2780, -1.6161, 5.0182



247.6790, 0.1583, -4.1035

Square

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



249.2780, -1.6161, 5.0182



248.1310, -2.0366, -0.1149



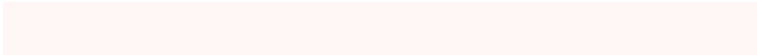
247.7220, 1.6161, -5.0182



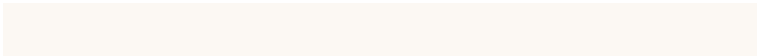
248.8690, 2.0366, 0.1149

Rectangle

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



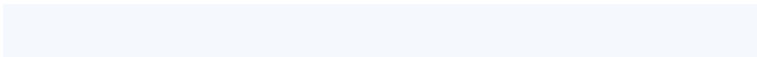
249.2780, -1.6161, 5.0182



248.6260, -2.7736, 2.9590



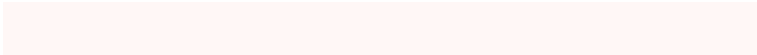
247.7220, 1.6161, -5.0182



248.3740, 2.7736, -2.9590

Sweetspot

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



249.2780, -1.6161, 5.0182



253.4840, -0.7316, 1.3295



249.6030, 2.1677, 4.7332



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000



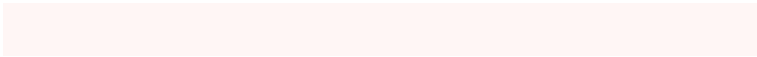
128.0000, 0.0000, 0.0000

Same Dimension

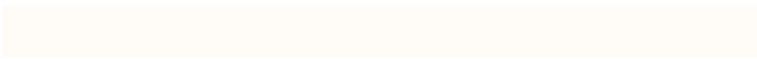
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.2780, -1.6161, 5.0182



248.5770, -1.7635, 5.6330



251.6260, -2.7736, 2.9590



123.6800, -1.3212, 3.7886



69.4360, -34.2319, 106.6116



23.2450, -11.4598, 35.7421

Inverse Universe

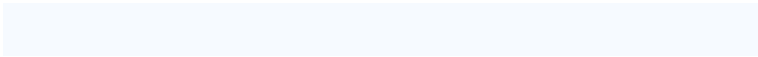
The Inverse Universe completely reimagines the original color for something new.



251.7220, 1.6161, -5.0182



251.4230, 1.7635, -5.6330



249.3740, 2.7736, -2.9590



125.3200, 1.3212, -3.7886



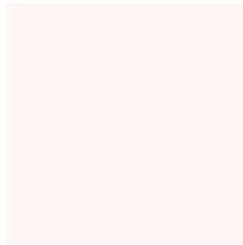
121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421

Previews

White Background



This preview shows how the YUV color 249.2780, -1.6161, 5.0182 looks on a white background.

Color Contrast Check

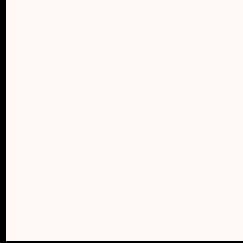
Large Text (above 18pt) WCAG AA × Fail

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 249.2780, -1.6161, 5.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

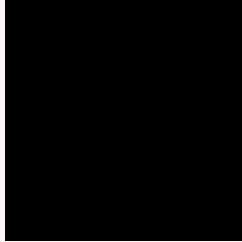
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

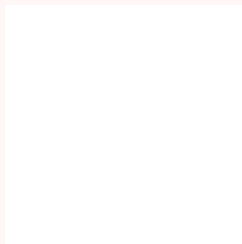
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.2780, -1.6161, 5.0182

Background



This preview shows how black text looks on a background with the YUV color 249.2780, -1.6161, 5.0182.



This preview shows how white text looks on a background with the YUV color 249.2780, -1.6161,

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**

249.2780, -1.6161, 5.0182

Protanopia

248.6800, -1.3212, 3.7886

Deuteranopia

249.5060, -0.7425, 4.8182

Tritanopia

249.4070, 2.7573, 2.2741

Trichromacy

Original Color

249.2780, -1.6161, 5.0182

Protanomaly

248.9790, -1.4686, 4.4034

Deuteranomaly

249.3920, -1.1793, 4.9182

Tritanomaly

249.3640, 1.2995, 3.1888

Monochromacy

Original Color

249.2780, -1.6161, 5.0182

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

248.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.2780, -1.6161, 5.0182 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, 247, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 246)  
}
```

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, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 246) }
```

Border

The CSS property to change the border of an element to YUV 249.2780, -1.6161, 5.0182 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, 247, 246) }
```


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

```
.border{ border-color:rgb(255, 247, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 249.2780, -1.6161, 5.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 246) }
```

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

```
.background{ background-color: rgb(255,  
247, 246) }
```

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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