

Converting Colors

YUV(249.5980, -0.2948, 1.2296)

Have a look what the booklet for
YUV(249.5980, -0.2948, 1.2296)
contains.

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Color

**YUV(249.5980, -0.2948,
1.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF9F9
RGB	251, 249, 249
RGB Percent	98%, 98%, 98%
CMY	0.0157, 0.0235, 0.0235
CMYK	0.00, 0.01, 0.01, 0.02
HSL	0°, 20%, 98%
HSV	0°, 1%, 98%
XYZ	90.7582, 95.1001, 103.1952
YIQ	249.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

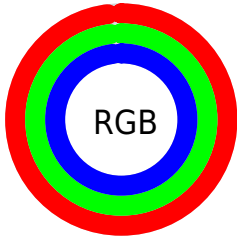
Format	Color
R _Y B	251, 249, 249
Decimal	16513529
CIE Lab	98.07, 0.67, 0.22
CIE LCh	98, 0.704, 18.526
Yxy	95.1001, 0.3140, 0.3290
Android (android.graphics.Color)	4294703609 (0xFFFBF9F9)
YUV	249.5980, -0.2948, 1.2296
Hunter-Lab	97.5193, -4.5343, 5.5227

Details

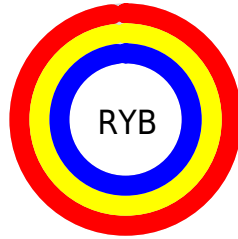
The YUV color 249.5980, -0.2948, 1.2296 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.4020, 0.2948, -1.2296, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.5980, -0.2948, 1.2296 is the 20% darker color. If you saturate the color by 10%, you get 232.0730, -3.9800, 16.5990, and if you desaturate by 10%, it is 253.8040, 0.5896, -2.4591.

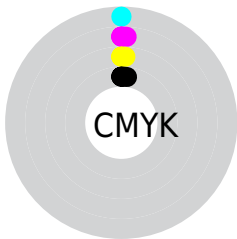
Distribution



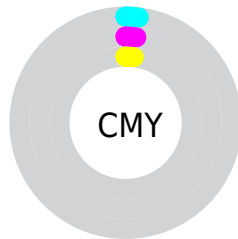
- Red (98%)
- Green (98%)
- Blue (98%)



- Red (98%)
- Yellow (98%)
- Blue (98%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.5980, -0.2948, 1.2296 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 249.5980, -0.2948, 1.2296 by changing the saturation by 10% instead.

 249.5980, -0.2948,
1.2296

 249.5980, -0.2948,
1.2296

255.0000, 0.0000,
0.0000


 220.5980, -0.2948,
1.2296

 193.5980, -0.2948,
1.2296

 165.5980, -0.2948,
1.2296

 139.5980, -0.2948,
1.2296

 114.2990, -0.1474,
0.6148

 89.5980, -0.2948,
1.2296

 66.2990, -0.1474,

0.6148

■ 44.2990, -0.1474,
0.6148

■ 23.5980, -0.2948,
1.2296

■ 249.5980, -0.2948,
1.2296

■ 249.5980, -0.2948,
1.2296

■ 232.0730, -3.9800,
16.5990

■ 253.8040, 0.5896,
-2.4591

■ 214.5480, -7.6652,
31.9684

■ 197.0230,
-11.3503, 47.3378

■ 179.4980,
-15.0355, 62.7073

■ 161.9730,
-18.7207, 78.0767

■ 143.7470,
-22.5533, 94.0609

■ 126.2220,
-26.2384, 109.4303

■ 108.6970,
-29.9236, 124.7997

■ 91.1720, -33.6088,
140.1692

Harmonies

Analogous

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



249.7120, 0.1420, 1.1296



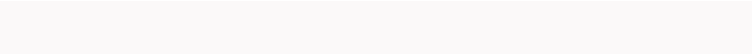
249.5980, -0.2948, 1.2296



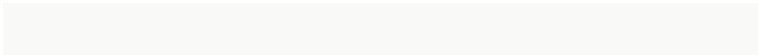
249.4840, -0.7316, 1.3295

Triad

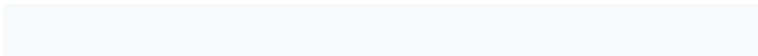
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.5980, -0.2948, 1.2296



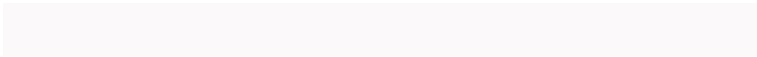
249.4730, -0.7262, -0.4148



249.8150, 0.5842, -0.7148

Complementary

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



249.5980, -0.2948, 1.2296



250.4020, 0.2948, -1.2296

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.



249.4020, 0.2948, -1.2296



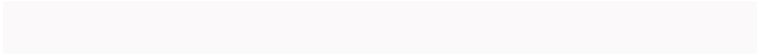
249.5980, -0.2948, 1.2296



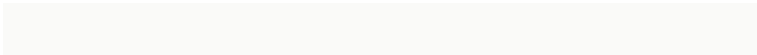
249.2880, -0.1420, -1.1296

Square

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



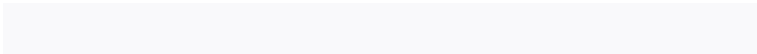
249.5980, -0.2948, 1.2296



249.7720, -0.8736, 0.2000



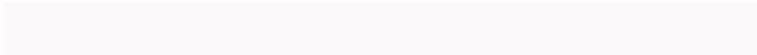
249.4020, 0.2948, -1.2296



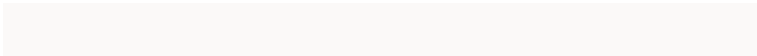
249.2280, 0.8736, -0.2000

Rectangle

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



249.5980, -0.2948, 1.2296



249.4840, -0.7316, 1.3295



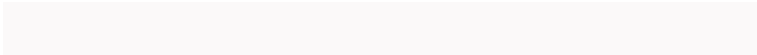
249.4020, 0.2948, -1.2296



249.5160, 0.7316, -1.3295

Sweetspot

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



249.5980, -0.2948, 1.2296

255.0000, 0.0000, 0.0000



249.8260, 0.5788, 1.0296



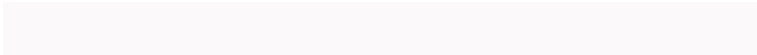
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

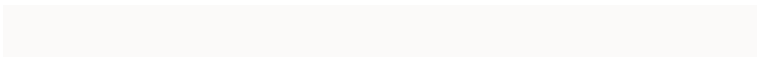
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.5980, -0.2948, 1.2296



252.8970, -0.4422, 1.8443



250.1850, -0.5842, 0.7148



124.2990, -0.1474, 0.6148



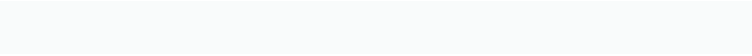
56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

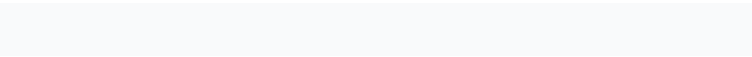
The Inverse Universe completely reimagines the original color for something new.



250.4020, 0.2948, -1.2296



254.1030, 0.4422, -1.8443



249.8150, 0.5842, -0.7148



124.7010, 0.1474, -0.6148



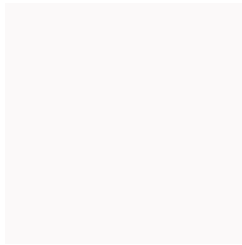
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 249.5980, -0.2948, 1.2296 looks on a white background.

Color Contrast Check

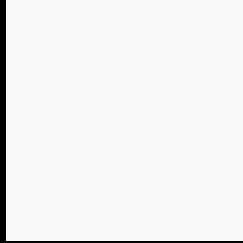
Large Text (above 18pt) WCAG AA × Fail

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 249.5980, -0.2948, 1.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

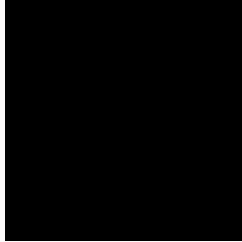
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.5980, -0.2948, 1.2296

Background



This preview shows how black text looks on a background with the YUV color 249.5980, -0.2948, 1.2296.

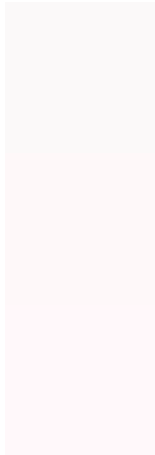


This preview shows how white text looks on a background with the YUV color 249.5980, -0.2948,

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

249.5980, -0.2948, 1.2296

Protanopia

249.9080, -0.4476, 3.5887

Deuteranopia

250.3210, -0.1583, 4.1035

Tritanopia

249.6950, 2.6154, 1.1445

Trichromacy

Original Color

249.5980, -0.2948, 1.2296

Protanomaly

249.6090, -0.3002, 2.9739

Deuteranomaly

250.0220, -0.0108, 3.4887

Tritanomaly

249.4670, 1.7418, 1.3444

Monochromacy

Original Color

249.5980, -0.2948, 1.2296

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.5980, -0.2948, 1.2296 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(251, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 249)  
}
```

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(251, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 249) }
```

Border

The CSS property to change the border of an element to YUV 249.5980, -0.2948, 1.2296 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(251, 249, 249) }
```

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

```
.border{ border-color:rgb(251, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
249) }
```


Background

The CSS property to change the background color of an element to YUV 249.5980, -0.2948, 1.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 249) }
```

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

```
.background{ background-color: rgb(251,  
249, 249) }
```

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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