

Converting Colors

YUV(249.3850, 2.7682, -1.2146)

Have a look what the booklet for
YUV(249.3850, 2.7682, -1.2146)
contains.

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Color

**YUV(249.3850, 2.7682,
-1.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F9FF
RGB	248, 249, 255
RGB Percent	97%, 98%, 100%
CMY	0.0275, 0.0235, 0.0000
CMYK	0.03, 0.02, 0.00, 0.00
HSL	231°, 100%, 99%
HSV	231°, 3%, 100%
XYZ	90.6371, 94.9278, 108.1536
YIQ	249.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

Format	Color
RYB	248, 249, 255
Decimal	16316927
CIELab	98.00, 0.75, -2.99
CIELCh	98, 3.084, 283.981
Yxy	94.9278, 0.3086, 0.3232
Android (android.graphics.Color)	4294507007 (0xFFFF8F9FF)
YUV	249.3850, 2.7682, -1.2146
Hunter-Lab	97.4309, -4.4508, 2.3865

Details

The YUV color 249.3850, 2.7682, -1.2146 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253.6150, -2.7682, 1.2146, 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 193.2710, 2.3314, -1.1147 is the 20% darker color. If you saturate the color by 10%, you get 228.9960, 12.8200, -5.2585, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

Distribution



- Red (97%)
- Green (98%)
- Blue (100%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.3850, 2.7682, -1.2146 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 249.3850, 2.7682, -1.2146 by changing the saturation by 10% instead.

249.3850, 2.7682,
-1.2146

249.3850, 2.7682,
-1.2146

255.0000, 0.0000,
0.0000

220.3850, 2.7682,
-1.2146

193.2710, 2.3314,
-1.1147

165.6840, 2.6208,
-0.5999

139.3850, 2.7682,
-1.2146

114.2710, 2.3314,
-1.1147

89.2710, 2.3314,
-1.1147

66.2710, 2.3314,

-1.1147

■ 44.1570, 1.8946,
-1.0147

■ 23.4560, 1.7472,
-0.3999

■ 249.3850, 2.7682,
-1.2146

■ 249.3850, 2.7682,
-1.2146

■ 228.9960, 12.8200,
-5.2585

255.0000, 0.0000,
0.0000

■ 208.3080, 23.0192,
-9.9171

■ 187.6200, 33.2183,
-14.5757

■ 167.8180, 42.9807,
-19.1344

■ 147.4290, 53.0325,
-23.1782

■ 126.7410, 63.2317,
-27.8369

■ 106.0530, 73.4309,
-32.4955

■ 85.6640, 83.4826,
-36.5393

■ 64.9760, 93.6818,
-41.1980

Harmonies

Analogous

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



249.0750, 2.9210, -3.5738



249.3850, 2.7682, -1.2146



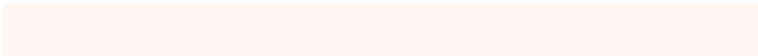
249.8800, 2.0312, 1.8592

Triad

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



249.3850, 2.7682, -1.2146



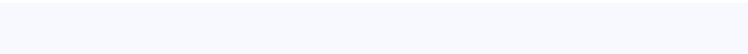
249.7510, -2.3422, 4.6034



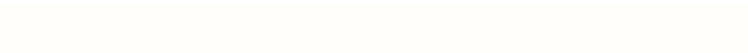
248.4510, -0.7153, -3.9035

Complementary

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



249.3850, 2.7682, -1.2146



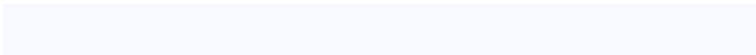
253.6150, -2.7682, 1.2146

Split Complementary

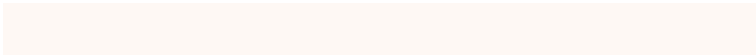
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5330, -1.7418, -1.3444



249.3850, 2.7682, -1.2146



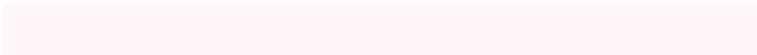
249.3380, -2.6316, 4.0886

Square

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



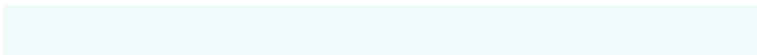
249.3850, 2.7682, -1.2146



249.5060, -0.7425, 4.8182



248.6150, -2.7682, 1.2146



248.3090, 1.3267, -5.5330

Rectangle

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



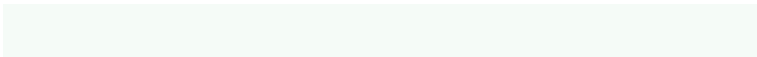
249.3850, 2.7682, -1.2146



250.2500, 0.8628, 3.2887



248.6150, -2.7682, 1.2146



248.7500, -0.8628, -3.2887

Sweetspot

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



249.3850, 2.7682, -1.2146



252.9290, 1.0210, -0.8147



252.7930, 0.5951, -4.2035



126.2280, 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.



249.3850, 2.7682, -1.2146



248.4990, 3.2050, -1.3146



249.3960, 2.7628, 0.5297



123.2710, 2.3314, -1.1147



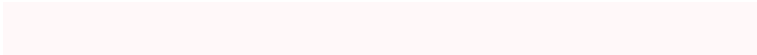
37.6230, 75.6149, -32.9954



12.5790, 25.3506, -11.0318

Inverse Universe

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



250.2070, -0.5951, 4.2035



249.5060, -0.7425, 4.8182



253.6040, -2.7628, -0.5297



123.9080, -0.4476, 3.5887



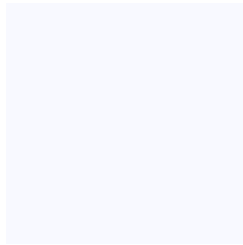
60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 249.3850, 2.7682, -1.2146 looks on a white background.

Color Contrast Check

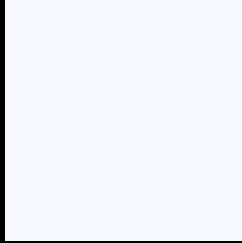
Large Text (above 18pt) WCAG AA × Fail

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 249.3850, 2.7682, -1.2146 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

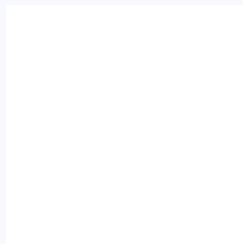
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.3850, 2.7682, -1.2146

Background



This preview shows how black text looks on a background with the YUV color 249.3850, 2.7682, -1.2146.



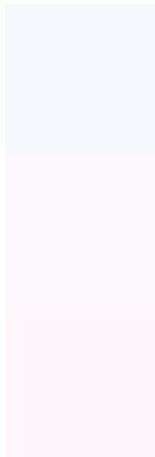
This preview shows how white text looks on a background with the YUV color 249.3850, 2.7682, -1.2146.

-1.246.

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

249.3850, 2.7682, -1.2146

Protanopia

249.8800, 2.0312, 1.8592

Deuteranopia

249.8480, 0.5679, 4.5183

Tritanopia

249.6840, 2.6208, -0.5999

Trichromacy

Original Color

249.3850, 2.7682, -1.2146

Protanomaly

249.5810, 2.1786, 1.2445

Deuteranomaly

249.6520, 1.1576, 2.0592

Tritanomaly

249.6840, 2.6208, -0.5999

Monochromacy

Original Color

249.3850, 2.7682, -1.2146

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.3850, 2.7682, -1.2146 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(248, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 255)  
}
```

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(248, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 255) }
```

Border

The CSS property to change the border of an element to YUV 249.3850, 2.7682, -1.2146 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(248, 249, 255) }
```


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

```
.border{ border-color:rgb(248, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 249.3850, 2.7682, -1.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 255) }
```

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

```
.background{ background-color: rgb(248,  
249, 255) }
```

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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