

Converting Colors

YUV(249.3880, -8.5723, -3.8483)

Have a look what the booklet for
YUV(249.3880, -8.5723, -3.8483)
contains.

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Color

**YUV(249.3880, -8.5723,
-3.8483)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFE8
RGB	245, 255, 232
RGB Percent	96%, 100%, 91%
CMY	0.0392, 0.0000, 0.0902
CMYK	0.04, 0.00, 0.09, 0.00
HSL	86°, 100%, 95%
HSV	86°, 9%, 100%
XYZ	87.9817, 96.7587, 90.3831
YIQ	249.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

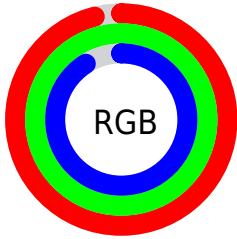
Format	Color
R _Y B	232, 255, 242
Decimal	16121832
CIE Lab	98.73, -7.25, 9.85
CIE LCh	99, 12.231, 126.340
Yxy	96.7587, 0.3198, 0.3517
Android (android.graphics.Color)	4294311912 (0xFFFF5FFE8)
YUV	249.3880, -8.5723, -3.8483
Hunter-Lab	98.3660, -12.4844, 14.3779

Details

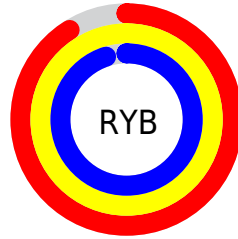
The YUV color $249.3880, -8.5723, -3.8483$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.6120, 8.5723, 3.8483$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.8010, -8.2829, -3.3335$ is the 20% darker color. If you saturate the color by 10%, you get $243.2490, -17.8708, -8.1114$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

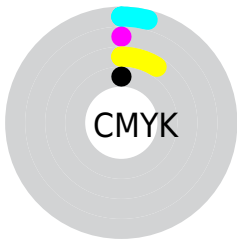
Distribution



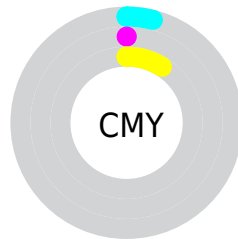
- Red (96%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 249.3880, -8.5723, -3.8483 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 249.3880, -8.5723, -3.8483 by changing the saturation by 10% instead.


 249.3880, -8.5723,
-3.8483


 249.3880, -8.5723,
-3.8483


255.0000, 0.0000,
0.0000


 220.8010, -8.2829,
-3.3335

 192.8010, -8.2829,
-3.3335

 165.9150, -7.8461,
-3.4335

 139.6160, -7.6987,
-4.0482

 114.0290, -7.4093,
-3.5334

 89.4420, -7.1199,
-3.0186

 66.1430, -6.9725,

-3.6334

■ 43.6700, -6.2463,
-3.2186

■ 23.0400, -7.4147,
-1.7891

■ 249.3880, -8.5723,
-3.8483

■ 249.3880, -8.5723,
-3.8483

■ 243.2490,
-17.8708, -8.1114

255.0000, 0.0000,
0.0000

■ 236.9960,
-27.6060, -12.2745

■ 230.7430,
-37.3413, -16.4376

■ 224.6040,
-46.6398, -20.7007

■ 218.4650,
-55.9382, -24.9638

■ 211.9130,
-65.5261, -29.7417

■ 205.7740,
-74.8246, -34.0048

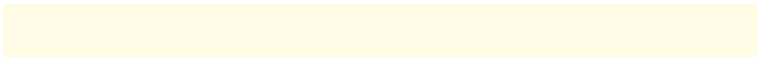
■ 199.5210,
-84.5599, -38.1679

■ 193.3820,
-93.8583, -42.4310

Harmonies

Analogous

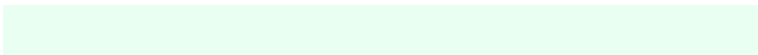
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.5740, -10.6360, 4.7586



249.3880, -8.5723, -3.8483



246.5270, -2.7248, -12.7402

Triad

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



249.3880, -8.5723, -3.8483



247.2260, 3.8326, -15.9842



247.2720, 0.8519, 6.7775

Complementary

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



249.3880, -8.5723, -3.8483



237.6120, 8.5723, 3.8483

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.



249.1300, 2.8939, 5.1480



249.3880, -8.5723, -3.8483



248.7650, 3.0739, -5.9329

Square

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



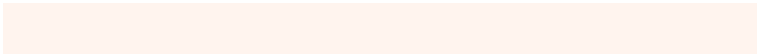
249.3880, -8.5723, -3.8483



245.1330, 4.8644, -20.2876



250.8910, 2.0257, 3.6036



246.6050, -4.2423, 7.3624

Rectangle

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



249.3880, -8.5723, -3.8483



245.6450, 1.6540, -17.2287



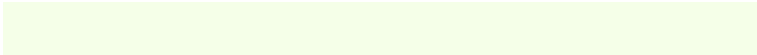
250.8910, 2.0257, 3.6036



248.3150, 2.3097, 5.8627

Sweetspot

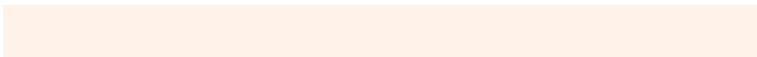
The Sweet Spot groups the original color and five complimentary colors.



249.3880, -8.5723, -3.8483



253.1910, -3.0522, -1.0445



244.7470, -6.2843, 8.9919



126.4190, -2.1786, -1.2445



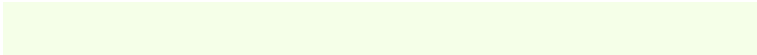
0.0000, 0.0000, 0.0000



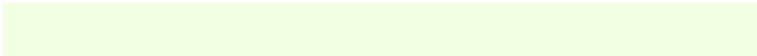
128.0000, 0.0000, 0.0000

Same Dimension

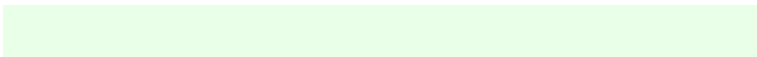
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.3880, -8.5723, -3.8483



248.2200, -10.4615, -4.5779



246.0990, -6.9508, -10.6108



124.7240, -4.7939, -2.3889



144.4090, -71.1936, -31.9307



48.3320, -23.8277, -10.8152

Inverse Universe

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



237.6120, 8.5723, 3.8483



233.7800, 10.4615, 4.5779



240.9010, 6.9508, 10.6108



117.9770, 4.9413, 1.7742



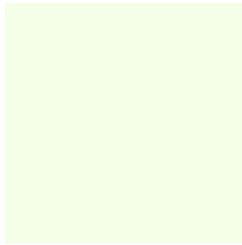
46.5910, 71.1936, 31.9307



15.6680, 23.8277, 10.8152

Previews

White Background



This preview shows how the YUV color 249.3880, -8.5723, -3.8483 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 249.3880, -8.5723, -3.8483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

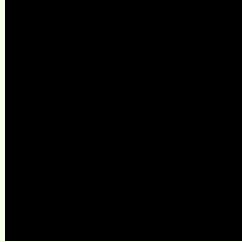
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

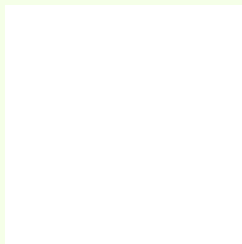
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.3880, -8.5723, -3.8483

Background



This preview shows how black text looks on a background with the YUV color 249.3880, -8.5723, -3.8483.



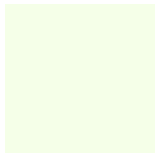
This preview shows how white text looks on a background with the YUV color 249.3880, -8.5723, -3.8483.

-3.8483.

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

249.3880, -8.5723, -3.8483



Protanopia

251.2840, -4.0840, 3.2589

Deuteranopia

251.3810, -1.1738, 3.1739

Tritanopia

251.4560, 1.7472, -0.3999

Trichromacy



Original Color

249.3880, -8.5723, -3.8483

Protanomaly

250.2190, -5.5310, 0.6849

Deuteranomaly

250.6750, -3.7838, 0.2850

Tritanomaly

250.5330, -1.7418, -1.3444

Monochromacy



Original Color

249.3880, -8.5723, -3.8483

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.1910, -3.0522, -1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.3880, -8.5723, -3.8483 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(245, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 232)  
}
```

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(245, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 232) }
```

Border

The CSS property to change the border of an element to YUV 249.3880, -8.5723, -3.8483 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(245, 255, 232) }
```


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

```
.border{ border-color:rgb(245, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 249.3880, -8.5723, -3.8483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 232) }
```

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

```
.background{ background-color: rgb(245,  
255, 232) }
```

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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