

Converting Colors

YUV(249.3580, 0.3165, -8.2070)

Have a look what the booklet for
YUV(249.3580, 0.3165, -8.2070)
contains.

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Color

**YUV(249.3580, 0.3165,
-8.2070)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0FEFA |
| RGB | 240, 254, 250 |
| RGB Percent | 94%, 100%, 98% |
| CMY | 0.0588, 0.0039, 0.0196 |
| CMYK | 0.06, 0.00, 0.02, 0.00 |
| HSL | 163°, 88%, 97% |
| HSV | 163°, 6%, 100% |
| XYZ | 88.6323, 96.3110, 104.3609 |
| YIQ | 249.3580, -7.0600, -4.2120 |

Conversions

Conversions Part 2

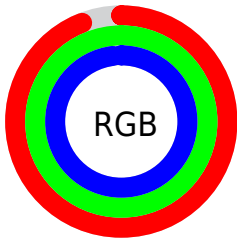
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 248, 254 |
| Decimal | 15793914 |
| CIE Lab | 98.56, -5.29, 0.32 |
| CIE LCh | 99, 5.295, 176.559 |
| Yxy | 96.3110, 0.3064, 0.3329 |
| Android (android.graphics.Color) | 4293983994 (0xFF0FEFA) |
| YUV | 249.3580, 0.3165, -8.2070 |
| Hunter-Lab | 98.1382, -10.5317, 5.6472 |

Details

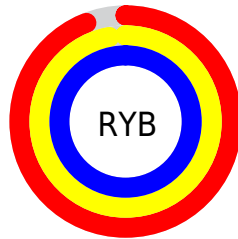
The YUV color $249.3580, 0.3165, -8.2070$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.6420, -0.3165, 8.2070$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.7710, 0.6059, -7.6922$ is the 20% darker color. If you saturate the color by 10%, you get $241.0850, 0.9441, -22.8765$, and if you desaturate by 10%, it is $254.4130, 0.2894, 0.5148$.

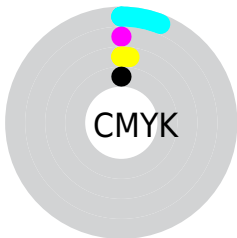
Distribution



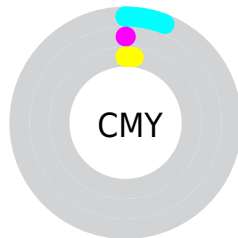
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.3580, 0.3165, -8.2070 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 249.3580, 0.3165, -8.2070 by changing the saturation by 10% instead.

 249.3580, 0.3165,
-8.2070

 249.3580, 0.3165,
-8.2070


255.0000, 0.0000,
0.0000


 220.6570, 0.1691,
-7.5922

 192.7710, 0.6059,
-7.6922

 165.6570, 0.1691,
-7.5922

 139.6570, 0.1691,
-7.5922

 114.0700, 0.4585,
-7.0774

 89.3690, 0.3111,
-6.4626

 66.3690, 0.3111,

-6.4626

■ 43.7820, 0.6005,
-5.9478

■ 23.3690, 0.3111,
-6.4626

■ 249.3580, 0.3165,
-8.2070

■ 249.3580, 0.3165,
-8.2070

■ 241.0850, 0.9441,
-22.8765

254.4130, 0.2894,
0.5148

■ 232.3990, 1.2823,
-38.0609

■ 224.1260, 1.9099,
-52.7305

■ 215.5540, 2.6849,
-68.0149

■ 207.2810, 3.3125,
-82.6844

■ 198.8940, 3.5033,
-97.2540

■ 190.3220, 4.2783,
-112.5384

■ 182.0490, 4.9058,
-127.2080

■ 173.4770, 5.6808,
-142.4923

Harmonies

Analogous

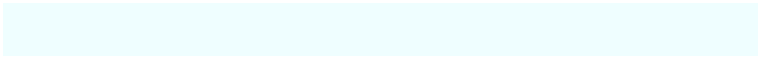
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.3970, -2.1677, -4.7332



249.3580, 0.3165, -8.2070



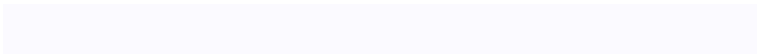
249.6290, 2.6479, -9.3216

Triad

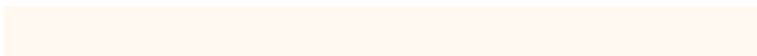
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.3580, 0.3165, -8.2070



250.8690, 2.0366, 0.1149



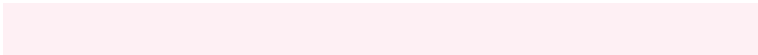
249.9960, -3.9420, 4.3885

Complementary

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



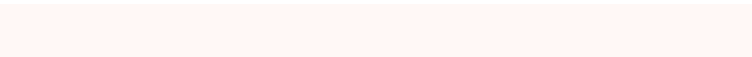
249.3580, 0.3165, -8.2070



244.6420, -0.3165, 8.2070

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.



249.8650, -1.9054, 4.5034



249.3580, 0.3165, -8.2070



250.8910, 2.0257, 3.6036

Square

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



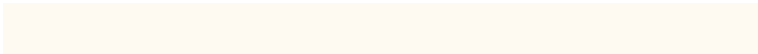
249.3580, 0.3165, -8.2070



249.6620, 2.6316, -4.0886



250.5490, 0.7153, 3.9035



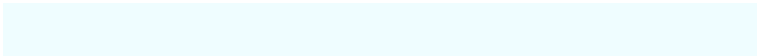
250.4690, -4.6682, 3.9737

Rectangle

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



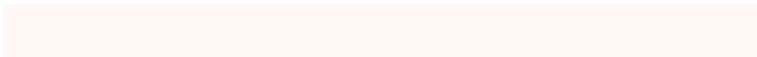
249.3580, 0.3165, -8.2070



249.0420, 2.9373, -8.8068



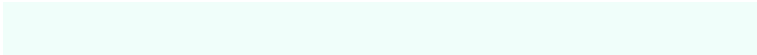
250.5490, 0.7153, 3.9035



249.6370, -2.7790, 4.7034

Sweetspot

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



249.3580, 0.3165, -8.2070



253.3910, 0.3002, -2.9739



249.4140, -4.6411, -4.7481



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

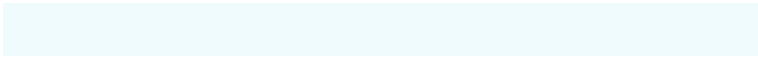
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.3580, 0.3165, -8.2070



249.0480, 0.4693, -10.5661



248.0530, 2.9319, -7.0625



124.3690, 0.3111, -6.4626



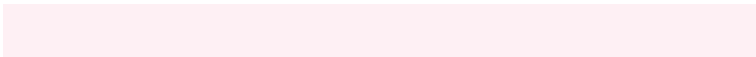
127.7350, 4.5676, -112.0236



42.8120, 1.5717, -37.5461

Inverse Universe

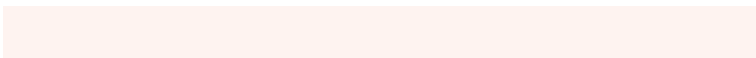
The Inverse Universe completely reimagines the original color for something new.



244.6420, -0.3165, 8.2070



242.9520, -0.4693, 10.5661



245.9470, -2.9319, 7.0625



120.6310, -0.3111, 6.4626



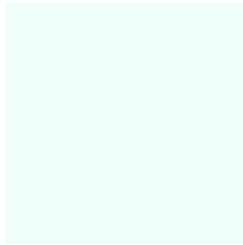
63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 249.3580, 0.3165, -8.2070 looks on a white background.

Color Contrast Check

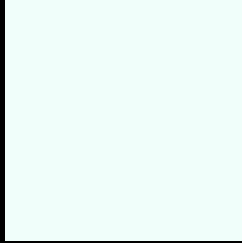
Large Text (above 18pt) WCAG AA × Fail

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 249.3580, 0.3165, -8.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

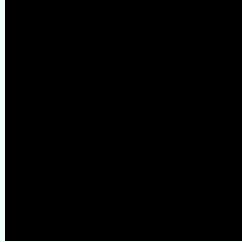
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.3580, 0.3165, -8.2070

Background



This preview shows how black text looks on a background with the YUV color 249.3580, 0.3165, -8.2070.



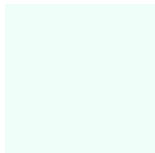
This preview shows how white text looks on a background with the YUV color 249.3580, 0.3165, -8.2070.

-8.270.

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

249.3580, 0.3165, -8.2070



Protanopia

251.2670, -1.6106, 3.2738

Deuteranopia

251.0220, -0.0108, 3.4887

Tritanopia

250.8580, 2.0420, -1.6295

Trichromacy



Original Color

249.3580, 0.3165, -8.2070

Protanomaly

250.4730, -0.7262, -0.4148

Deuteranomaly

250.7010, 0.1474, -0.6148

Tritanomaly

250.3200, 1.3212, -3.7886

Monochromacy



Original Color

249.3580, 0.3165, -8.2070

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.2770, -0.1366, -2.8739

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.3580, 0.3165, -8.2070 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(240, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 254, 250)  
}
```

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(240, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 254, 250) }
```

Border

The CSS property to change the border of an element to YUV 249.3580, 0.3165, -8.2070 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(240, 254, 250) }
```


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

```
.border{ border-color:rgb(240, 254, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 254,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 249.3580, 0.3165, -8.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 254, 250) }
```

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

```
.background{ background-color: rgb(240,  
254, 250) }
```

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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