

Converting Colors

YUV(249.6870, -8.7197, -3.2335)

Have a look what the booklet for
YUV(249.6870, -8.7197, -3.2335)
contains.

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Color

**YUV(249.6870, -8.7197,
-3.2335)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F6FFE8 |
| RGB | 246, 255, 232 |
| RGB Percent | 96%, 100%, 91% |
| CMY | 0.0353, 0.0000, 0.0902 |
| CMYK | 0.04, 0.00, 0.09, 0.00 |
| HSL | 83°, 100%, 95% |
| HSV | 83°, 9%, 100% |
| XYZ | 88.3315, 96.9390, 90.3995 |
| YIQ | 249.6870, 2.0190, -9.0610 |

Conversions

Conversions Part 2

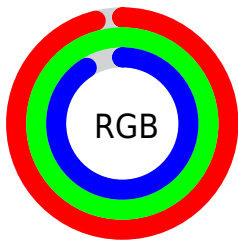
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 255, 241 |
| Decimal | 16187368 |
| CIE Lab | 98.80, -6.91, 9.96 |
| CIE LCh | 99, 12.125, 124.741 |
| Yxy | 96.9390, 0.3204, 0.3516 |
| Android (android.graphics.Color) | 4294377448 (0xFF6FFFE8) |
| YUV | 249.6870, -8.7197, -3.2335 |
| Hunter-Lab | 98.4576, -12.1591, 14.4829 |

Details

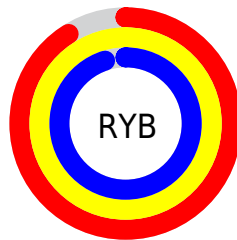
The YUV color $249.6870, -8.7197, -3.2335$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.3130, 8.7197, 3.2335$, and the grayscale version is $250.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $193.1000, -8.4303, -2.7187$ is the 20% darker color. If you saturate the color by 10%, you get $243.8470, -18.1656, -6.8818$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

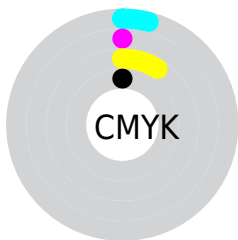
Distribution



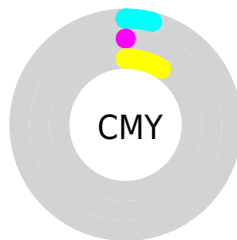
- Red (96%)
- Green (100%)
- Blue (91%)



- 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 249.6870, -8.7197, -3.2335 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 249.6870, -8.7197, -3.2335 by changing the saturation by 10% instead.


 249.6870, -8.7197,
-3.2335


 249.6870, -8.7197,
-3.2335

255.0000, 0.0000,
0.0000


 221.1000, -8.4303,
-2.7187

 193.1000, -8.4303,
-2.7187

 166.2140, -7.9935,
-2.8187

 139.9150, -7.8461,
-3.4335

 114.3280, -7.5567,
-2.9187

 89.4420, -7.1199,
-3.0186

 66.4420, -7.1199,

-3.0186

■ 43.9690, -6.3937,
-2.6038

■ 23.0400, -7.4147,
-1.7891

■ 249.6870, -8.7197,
-3.2335

■ 249.6870, -8.7197,
-3.2335

■ 243.8470,
-18.1656, -6.8818

255.0000, 0.0000,
0.0000

■ 237.8930,
-28.0482, -10.4302

■ 231.9390,
-37.9309, -13.9785

■ 226.0990,
-47.3768, -17.6268

■ 220.2590,
-56.8227, -21.2751

■ 214.3050,
-66.7054, -24.8235

■ 208.4650,
-76.1512, -28.4718

■ 202.5110,
-86.0339, -32.0201

■ 196.6710,
-95.4798, -35.6685

Harmonies

Analogous

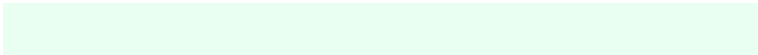
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.5740, -10.6360, 4.7586



249.6870, -8.7197, -3.2335



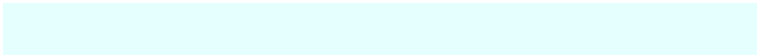
246.8260, -2.8722, -12.1254

Triad

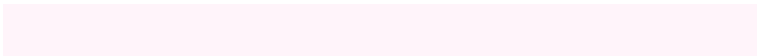
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.6870, -8.7197, -3.2335



247.2260, 3.8326, -15.9842



247.9730, 0.9993, 6.1627

Complementary

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



249.6870, -8.7197, -3.2335



237.3130, 8.7197, 3.2335

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



249.6870, -8.7197, -3.2335



249.3520, 2.7845, -6.4477

Square

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



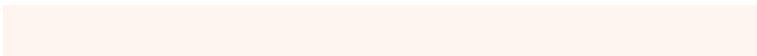
249.6870, -8.7197, -3.2335



245.4320, 4.7170, -19.6729



250.8910, 2.0257, 3.6036



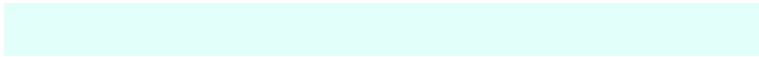
247.3060, -4.0949, 6.7476

Rectangle

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



249.6870, -8.7197, -3.2335



245.9440, 1.5066, -16.6139



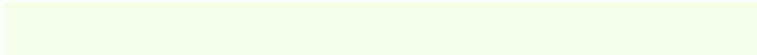
250.8910, 2.0257, 3.6036



248.4290, 2.7465, 5.7628

Sweetspot

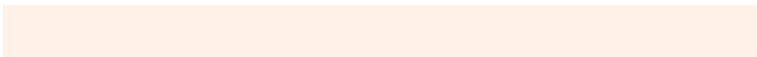
The Sweet Spot groups the original color and five complimentary colors.



249.6870, -8.7197, -3.2335



253.1910, -3.0522, -1.0445



244.1600, -5.9949, 9.5067



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



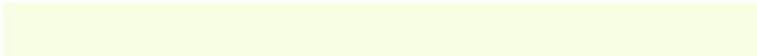
128.0000, 0.0000, 0.0000

Same Dimension

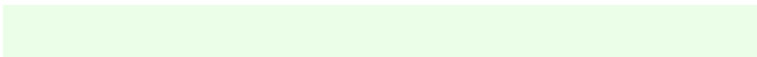
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.6870, -8.7197, -3.2335



248.5190, -10.6089, -3.9632



246.3980, -7.0982, -9.9960



125.0230, -4.9413, -1.7742



146.8010, -72.3729, -27.0125



49.2290, -24.2699, -8.9708

Inverse Universe

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



237.3130, 8.7197, 3.2335



233.4810, 10.6089, 3.9632



240.6020, 7.0982, 9.9960



117.9770, 4.9413, 1.7742



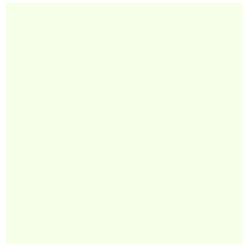
44.1990, 72.3729, 27.0125



14.7710, 24.2699, 8.9708

Previews

White Background



This preview shows how the YUV color 249.6870, -8.7197, -3.2335 looks on a white background.

Color Contrast Check

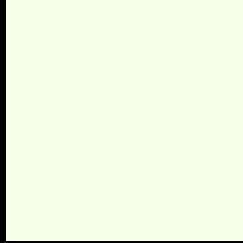
Large Text (above 18pt) WCAG AA × Fail

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 249.6870, -8.7197, -3.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

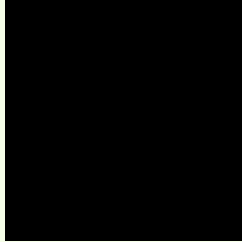
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

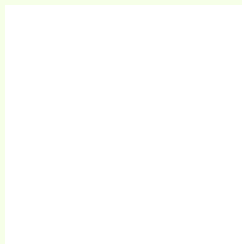
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.6870, -8.7197, -3.2335

Background



This preview shows how black text looks on a background with the YUV color 249.6870, -8.7197, -3.2335.



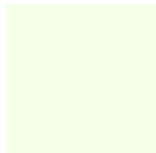
This preview shows how white text looks on a background with the YUV color 249.6870, -8.7197, -3.2335.

-3.235.

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

249.6870, -8.7197, -3.2335



Protanopia

251.3980, -3.6472, 3.1590

Deuteranopia

252.0820, -1.0264, 2.5591

Tritanopia

251.4560, 1.7472, -0.3999

Trichromacy



Original Color

249.6870, -8.7197, -3.2335

Protanomaly

250.6320, -5.2416, 1.1997

Deuteranomaly

250.9740, -3.9312, 0.8998

Tritanomaly

250.5330, -1.7418, -1.3444

Monochromacy



Original Color

249.6870, -8.7197, -3.2335

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.6870, -8.7197, -3.2335 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(246, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 232) }
```

Border

The CSS property to change the border of an element to YUV 249.6870, -8.7197, -3.2335 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(246, 255, 232) }
```


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

```
.border{ border-color:rgb(246, 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(246, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 249.6870, -8.7197, -3.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 232) }
```

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

```
.background{ background-color: rgb(246,  
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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