

Converting Colors

YUV(249.6750, -3.7838, 0.2850)

Have a look what the booklet for
YUV(249.6750, -3.7838, 0.2850)
contains.

YUV(249.6750, -3.7838, 0.2850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(249.6750, -3.7838,
0.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFBF2
RGB	250, 251, 242
RGB Percent	98%, 98%, 95%
CMY	0.0196, 0.0157, 0.0510
CMYK	0.00, 0.00, 0.04, 0.02
HSL	67°, 53%, 97%
HSV	67°, 4%, 98%
XYZ	89.9485, 95.7292, 97.7412
YIQ	249.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

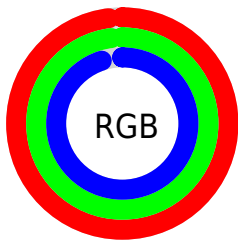
Format	Color
R _Y B	242, 251, 243
Decimal	16448498
CIE Lab	98.32, -1.88, 4.18
CIE LCh	98, 4.585, 114.252
Yxy	95.7292, 0.3174, 0.3378
Android (android.graphics.Color)	4294638578 (0xFFFAFBF2)
YUV	249.6750, -3.7838, 0.2850
Hunter-Lab	97.8413, -7.1216, 9.2596

Details

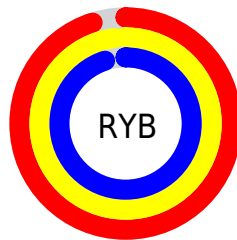
The YUV color 249.6750, -3.7838, 0.2850 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 243.3250, 3.7838, -0.2850, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.6750, -3.7838, 0.2850 is the 20% darker color. If you saturate the color by 10%, you get 245.9280, -14.2615, 0.9401, and if you desaturate by 10%, it is 252.0540, 1.4524, 0.8296.

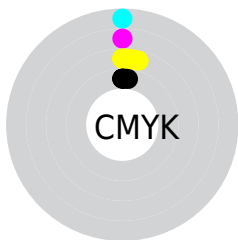
Distribution



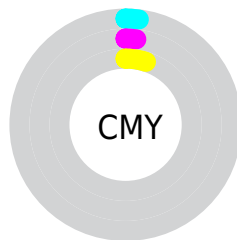
- Red (98%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 249.6750, -3.7838, 0.2850 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 249.6750, -3.7838, 0.2850 by changing the saturation by 10% instead.


 249.6750, -3.7838,
0.2850


 249.6750, -3.7838,
0.2850


255.0000, 0.0000,
0.0000


 220.7890, -3.3470,
0.1850

 193.6750, -3.7838,
0.2850

 165.7890, -3.3470,
0.1850

 139.7890, -3.3470,
0.1850

 114.2020, -3.0576,
0.6998

 89.7890, -3.3470,
0.1850

 66.2020, -3.0576,

0.6998

■ 44.0170, -2.4734,
-0.0149

■ 23.9030, -2.9102,
0.0851

■ 249.6750, -3.7838,
0.2850

■ 249.6750, -3.7838,
0.2850

■ 245.9280,
-14.2615, 0.9401

■ 252.0540, 1.4524,
0.8296

■ 242.1810,
-24.7392, 1.5953

■ 252.6520, 1.1576,
2.0592

■ 238.7330,
-35.3644, 2.8652

■ 234.9860,
-45.8421, 3.5203

■ 231.2390,
-56.3198, 4.1754

■ 227.3780,
-67.2344, 4.9305

■ 223.6310,
-77.7121, 5.5856

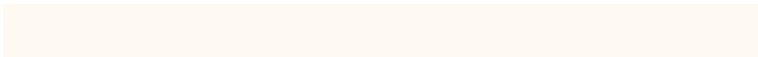
■ 220.1830,
-88.3372, 6.8555

■ 216.4360,
-98.8149, 7.5106

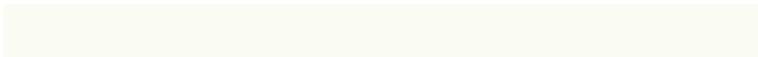
Harmonies

Analogous

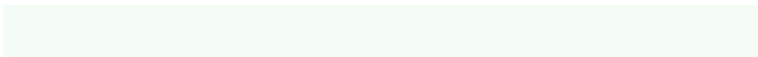
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250.4690, -4.6682, 3.9737



249.6750, -3.7838, 0.2850



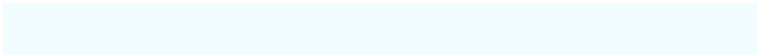
249.1090, -2.0257, -3.6036

Triad

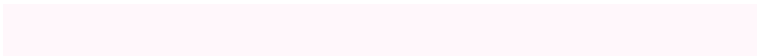
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.6750, -3.7838, 0.2850



249.0530, 2.9319, -7.0625



249.8480, 0.5679, 4.5183

Complementary

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



249.6750, -3.7838, 0.2850



243.3250, 3.7838, -0.2850

Split Complementary

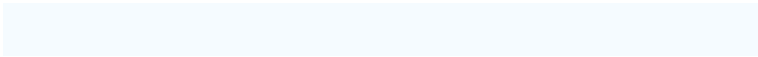
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.8910, 2.0257, 3.6036



249.6750, -3.7838, 0.2850



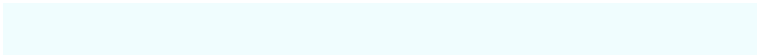
249.6620, 2.6316, -4.0886

Square

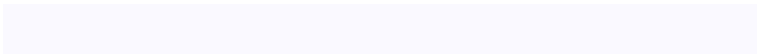
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



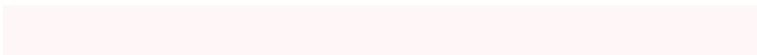
249.6750, -3.7838, 0.2850



249.2270, 2.3531, -8.0921



249.9830, 2.4734, 0.0149



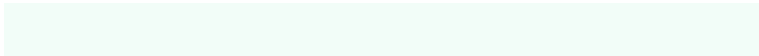
249.3920, -1.1793, 4.9182

Rectangle

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



249.6750, -3.7838, 0.2850



249.1410, -0.5625, -6.2627



249.9830, 2.4734, 0.0149



250.0760, 1.4415, 4.3183

Sweetspot

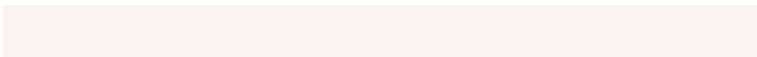
The Sweet Spot groups the original color and five complimentary colors.



249.6750, -3.7838, 0.2850



254.6580, -1.3104, 0.2999



245.2780, -1.6161, 5.0182



127.4730, -0.7262, -0.4148



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.



249.6750, -3.7838, 0.2850



253.5610, -4.2206, 0.3850



248.4790, -3.1941, -2.1741



124.0170, -2.4734, -0.0149



161.1750, -79.4593, 5.9855



51.9530, -25.6128, 1.7952

Inverse Universe

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



243.3250, 3.7838, -0.2850



246.4390, 4.2206, -0.3850



244.5210, 3.1941, 2.1741



119.6840, 2.6208, -0.5999



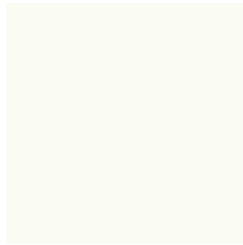
27.8250, 79.4593, -5.9855



9.0470, 25.6128, -1.7952

Previews

White Background



This preview shows how the YUV color 249.6750, -3.7838, 0.2850 looks on a white background.

Color Contrast Check

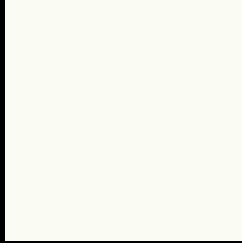
Large Text (above 18pt) WCAG AA × Fail

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 249.6750, -3.7838, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

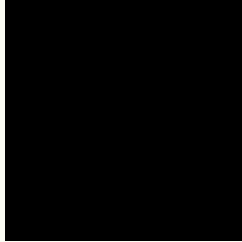
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

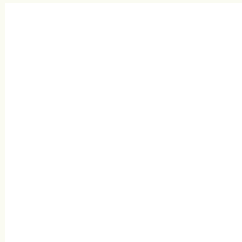
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.6750, -3.7838, 0.2850

Background



This preview shows how black text looks on a background with the YUV color 249.6750, -3.7838, 0.2850.



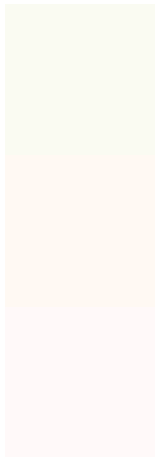
This preview shows how white text looks on a background with the YUV color 249.6750, -3.7838,

0.2850.

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

249.6750, -3.7838, 0.2850

Protanopia

250.1100, -3.5052, 4.2885

Deuteranopia

250.7940, -0.8844, 3.6887

Tritanopia

250.2820, 2.3260, 0.6297

Trichromacy

Original Color

249.6750, -3.7838, 0.2850

Protanomaly

250.0990, -3.4998, 2.5442

Deuteranomaly

250.4410, -2.1894, 2.2442

Tritanomaly

250.2990, -0.1474, 0.6148

Monochromacy

Original Color

249.6750, -3.7838, 0.2850

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

249.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.6750, -3.7838, 0.2850 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(250, 251, 242)` looks like.

```
.text, #text, p{  
    color:rgb(250, 251, 242)  
}
```

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(250, 251, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 251, 242) }
```

Border

The CSS property to change the border of an element to YUV 249.6750, -3.7838, 0.2850 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(250, 251, 242) }
```


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

```
.border{ border-color:rgb(250, 251, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 251, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 251, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 251, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 251,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 249.6750, -3.7838, 0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 251, 242) }
```

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

```
.background{ background-color: rgb(250,  
251, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor