

Converting Colors

YUV(249.9370, -7.8569, 0.0553)

Have a look what the booklet for
YUV(249.9370, -7.8569, 0.0553)
contains.

YUV(249.9370, -7.8569, 0.0553)	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(249.9370, -7.8569,
0.0553)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFDEA
RGB	250, 253, 234
RGB Percent	98%, 99%, 92%
CMY	0.0196, 0.0078, 0.0824
CMYK	0.01, 0.00, 0.08, 0.01
HSL	69°, 83%, 95%
HSV	69°, 8%, 99%
XYZ	89.4009, 96.5151, 91.7592
YIQ	249.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

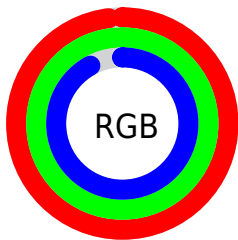
Format	Color
RYB	234, 253, 237
Decimal	16449002
CIELab	98.64, -4.23, 8.74
CIELCh	99, 9.706, 115.814
Yxy	96.5151, 0.3220, 0.3476
Android (android.graphics.Color)	4294639082 (0xFFFAFDEA)
YUV	249.9370, -7.8569, 0.0553
Hunter-Lab	98.2421, -9.4875, 13.3919

Details

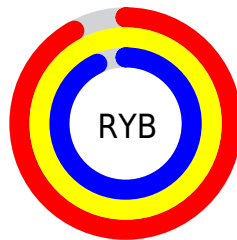
The YUV color $249.9370, -7.8569, 0.0553$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.0630, 7.8569, -0.0553$, and the grayscale version is $250.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $193.3500, -7.5675, 0.5701$ is the 20% darker color. If you saturate the color by 10%, you get $245.8910, -18.1873, 0.0956$, and if you desaturate by 10%, it is $253.5270, 0.7262, 0.4148$.

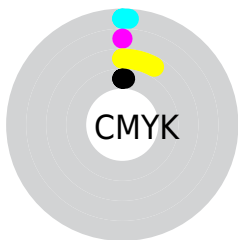
Distribution



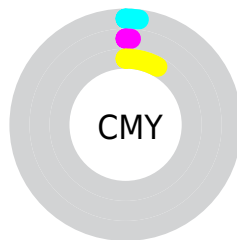
- Red (98%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 249.9370, -7.8569, 0.0553 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 249.9370, -7.8569, 0.0553 by changing the saturation by 10% instead.


 249.9370, -7.8569,
0.0553


 249.9370, -7.8569,
0.0553


255.0000, 0.0000,
0.0000


 221.0510, -7.4201,
-0.0447

 193.3500, -7.5675,
0.5701

 166.1650, -6.9833,
-0.1447

 140.1650, -6.9833,
-0.1447

 114.2790, -6.5465,
-0.2447

 90.2790, -6.5465,
-0.2447

 66.3930, -6.1097,

-0.3447

■ 44.5070, -5.6730,
-0.4446

■ 23.5780, -6.6940,
0.3701

■ 249.9370, -7.8569,
0.0553

■ 249.9370, -7.8569,
0.0553

■ 245.8910,
-18.1873, 0.0956

■ 253.5270, 0.7262,
0.4148

■ 241.7310,
-28.9544, 0.2359

■ 253.8260, 0.5788,
1.0296

■ 237.6850,
-39.2847, 0.2763

■ 233.6390,
-49.6150, 0.3166

■ 229.5930,
-59.9453, 0.3569

■ 225.4330,
-70.7125, 0.4973

■ 221.3870,
-81.0428, 0.5376

■ 217.3410,
-91.3731, 0.5779

■ 213.1810,
-102.1402, 0.7183

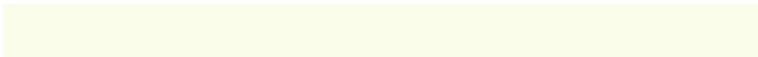
Harmonies

Analogous

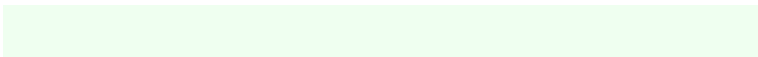
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.4430, -8.5994, 4.8735



249.9370, -7.8569, 0.0553



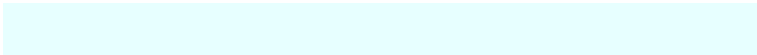
248.5060, -4.1935, -8.3368

Triad

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



249.9370, -7.8569, 0.0553



247.8240, 3.5378, -14.7546



248.9020, 2.0203, 5.3479

Complementary

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



249.9370, -7.8569, 0.0553



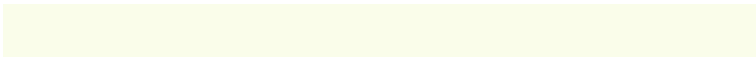
237.0630, 7.8569, -0.0553

Split Complementary

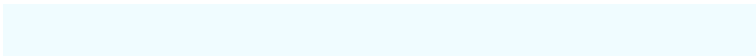
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.7170, 2.6045, 4.6332



249.9370, -7.8569, 0.0553



248.7540, 3.0793, -7.6773

Square

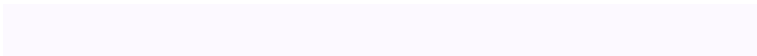
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



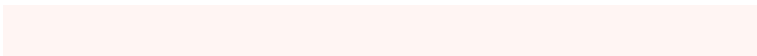
249.9370, -7.8569, 0.0553



246.9270, 3.9800, -16.5990



250.5810, 2.1786, 1.2445



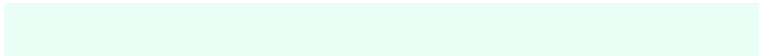
247.7620, -2.3477, 6.3477

Rectangle

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



249.9370, -7.8569, 0.0553



247.3960, -0.6882, -12.6253



250.5810, 2.1786, 1.2445



249.1300, 2.8939, 5.1480

Sweetspot

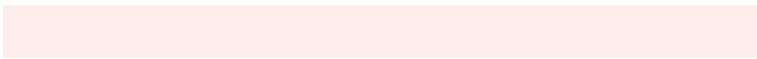
The Sweet Spot groups the original color and five complimentary colors.



249.9370, -7.8569, 0.0553



254.1310, -2.0366, -0.1149



241.4420, -3.6689, 10.1364



127.3590, -1.1630, -0.3148



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.



249.9370, -7.8569, 0.0553



251.1820, -9.4567, -0.1596



247.2460, -6.5303, -5.4777



125.6210, -5.2362, -0.5446



160.2560, -79.0062, 0.6525



53.7140, -26.4810, 0.2508

Inverse Universe

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



237.0630, 7.8569, -0.0553



235.8180, 9.4567, 0.1596



239.7540, 6.5303, 5.4777



117.0800, 5.3836, -0.0702



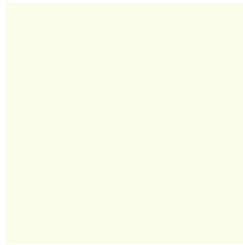
30.7440, 79.0062, -0.6525



10.2860, 26.4810, -0.2508

Previews

White Background



This preview shows how the YUV color 249.9370, -7.8569, 0.0553 looks on a white background.

Color Contrast Check

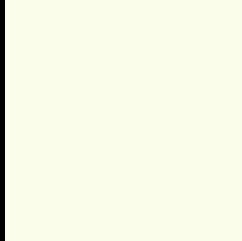
Large Text (above 18pt) WCAG AA × Fail

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 249.9370, -7.8569, 0.0553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

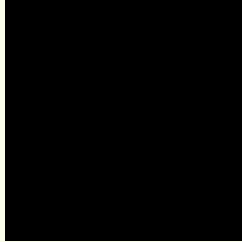
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.9370, -7.8569, 0.0553

Background



This preview shows how black text looks on a background with the YUV color 249.9370, -7.8569, 0.0553.



This preview shows how white text looks on a background with the YUV color 249.9370, -7.8569,

0.0553.

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

249.9370, -7.8569, 0.0553

Protanopia

251.2840, -4.0840, 3.2589

Deuteranopia

251.3810, -1.1738, 3.1739

Tritanopia

251.1680, 1.8892, 0.7297

Trichromacy



Original Color

249.9370, -7.8569, 0.0553

Protanomaly

250.9310, -5.3890, 1.8145

Deuteranomaly

250.8000, -3.3524, 1.9294

Tritanomaly

250.5440, -1.7472, 0.3999

Monochromacy



Original Color

249.9370, -7.8569, 0.0553

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

249.9030, -2.9102, 0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.9370, -7.8569, 0.0553 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, 253, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 234)  
}
```

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, 253, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 234) }
```

Border

The CSS property to change the border of an element to YUV 249.9370, -7.8569, 0.0553 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, 253, 234) }
```


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

```
.border{ border-color:rgb(250, 253, 234) }
```

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

Here you see how a box with a 4 pixel rgb(250, 253, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 249.9370, -7.8569, 0.0553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 234) }
```

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

```
.background{ background-color: rgb(250,  
253, 234) }
```

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