

Converting Colors

YUV(241.0370, 3.9258, 0.8446)

Have a look what the booklet for
YUV(241.0370, 3.9258, 0.8446)
contains.

| | |
|--|----|
| YUV(241.0370, 3.9258, 0.8446) | 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(241.0370, 3.9258,
0.8446)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2EFF9 |
| RGB | 242, 239, 249 |
| RGB Percent | 95%, 94%, 98% |
| CMY | 0.0510, 0.0627, 0.0235 |
| CMYK | 0.03, 0.04, 0.00, 0.02 |
| HSL | 258°, 45%, 96% |
| HSV | 258°, 4%, 98% |
| XYZ | 84.5833, 87.4498, 102.0440 |
| YIQ | 241.0370, -1.4220, 3.7460 |

Conversions

Conversions Part 2

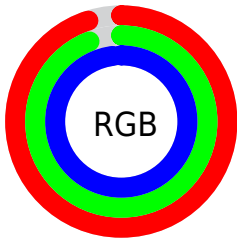
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 242, 239, 249 |
| Decimal | 15921145 |
| CIE Lab | 94.93, 2.79, -4.47 |
| CIE LCh | 95, 5.267, 302.023 |
| Yxy | 87.4498, 0.3086, 0.3191 |
| Android (android.graphics.Color) | 4294111225 (0xFF2EFF9) |
| YUV | 241.0370, 3.9258, 0.8446 |
| Hunter-Lab | 93.5146, -2.1985, 0.7624 |

Details

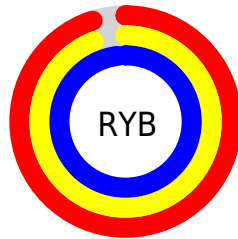
The YUV color `241.0370, 3.9258, 0.8446` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.9630, -3.9258, -0.8446`, and the grayscale version is `241.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `185.0370, 3.9258, 0.8446` is the 20% darker color. If you saturate the color by 10%, you get `221.2790, 13.6665, 3.2633`, and if you desaturate by 10%, it is `254.3160, -2.6208, 0.5999`.

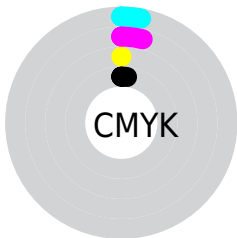
Distribution



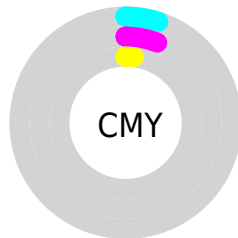
- Red (95%)
- Green (94%)
- Blue (98%)



- Red (95%)
- Yellow (94%)
- Blue (98%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 241.0370, 3.9258, 0.8446 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 241.0370, 3.9258, 0.8446 by changing the saturation by 10% instead.

 241.0370, 3.9258,
0.8446

 241.0370, 3.9258,
0.8446

255.0000, 0.0000,
0.0000


 212.9230, 3.4890,
0.9445

 185.0370, 3.9258,
0.8446

 157.9230, 3.4890,
0.9445

 131.9230, 3.4890,
0.9445

 106.9230, 3.4890,
0.9445

 82.5100, 3.1996,
0.4297

 59.5100, 3.1996,

0.4297

■ 38.3960, 2.7628,
0.5297

■ 16.8090, 3.0522,
1.0445

■ 241.0370, 3.9258,
0.8446

■ 241.0370, 3.9258,
0.8446

■ 221.2790, 13.6665,
3.2633

■ 254.3160, -2.6208,
0.5999

■ 201.2220, 23.5546,
5.0673

■ 181.4640, 33.2952,
7.4861

■ 161.4070, 43.1833,
9.2901

■ 141.6490, 52.9240,
11.7088

■ 122.1790, 62.5228,
12.9980

■ 102.4210, 72.2634,
15.4168

■ 82.6630, 82.0041,
17.8355

■ 62.6060, 91.8922,
19.6395

Harmonies

Analogous

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



240.5310, 4.6682, -3.9737



241.0370, 3.9258, 0.8446



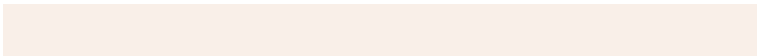
241.7880, 1.5835, 5.4479

Triad

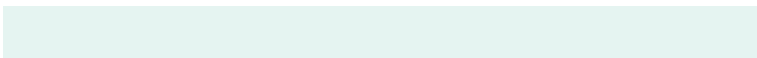
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.0370, 3.9258, 0.8446



241.1920, -4.5317, 6.8476



239.1730, 0.9007, -8.9217

Complementary

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



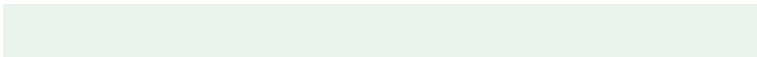
241.0370, 3.9258, 0.8446



246.9630, -3.9258, -0.8446

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.



239.0980, -2.0203, -5.3479



241.0370, 3.9258, 0.8446



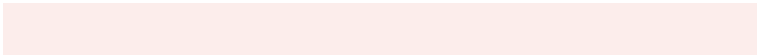
240.3550, -5.1050, 4.0737

Square

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



241.0370, 3.9258, 0.8446



241.2570, -3.0847, 9.4216



239.9630, -3.9258, -0.8446



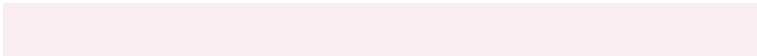
238.8570, 3.5215, -9.5216

Rectangle

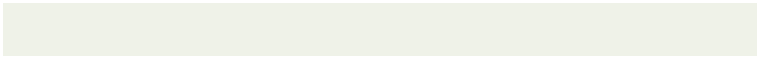
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



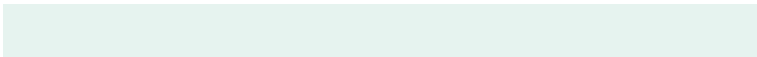
241.0370, 3.9258, 0.8446



241.4570, 0.2677, 7.4922



239.9630, -3.9258, -0.8446



238.6570, 0.1691, -7.5922

Sweetspot

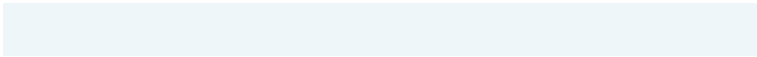
The Sweet Spot groups the original color and five complimentary colors.



241.0370, 3.9258, 0.8446



252.6410, 1.1630, 0.3148



244.2490, 2.3422, -4.6034



126.5270, 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.



241.0370, 3.9258, 0.8446



244.6780, 5.0887, 1.1594



242.5320, 3.1887, 3.9184



118.8090, 3.0522, 1.0445



38.5890, 74.1526, 16.1464



12.3360, 23.9914, 4.9673

Inverse Universe

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



242.7880, 1.5835, 5.4479



246.9130, 2.0149, 7.0923



245.4680, -3.1887, -3.9184



120.0760, 1.4415, 4.3183



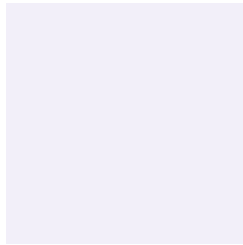
71.5590, 29.7974, 102.9958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 241.0370, 3.9258, 0.8446 looks on a white background.

Color Contrast Check

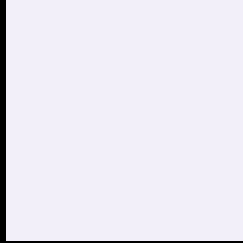
Large Text (above 18pt) WCAG AA × Fail

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 241.0370, 3.9258, 0.8446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

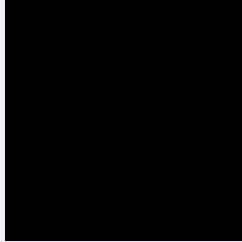
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

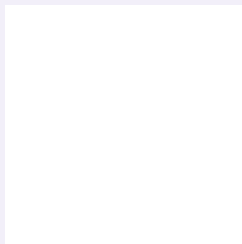
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.0370, 3.9258, 0.8446

Background



This preview shows how black text looks on a background with the YUV color 241.0370, 3.9258, 0.8446.



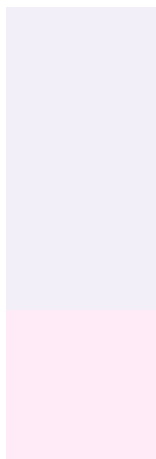
This preview shows how white text looks on a background with the YUV color 241.0370, 3.9258,

0.8446.

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

241.0370, 3.9258, 0.8446

Protanopia

241.0370, 3.9258, 0.8446

Deuteranopia

242.4620, 2.7302, 10.9958



Tritanopia

241.4330, 6.6885, 1.3743

Trichromacy



Original Color

241.0370, 3.9258, 0.8446

Protanomaly

241.0370, 3.9258, 0.8446

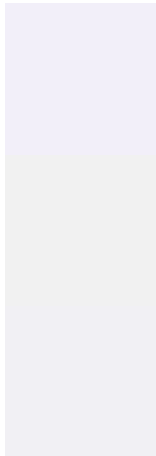
Deuteranomaly

241.5540, 3.1779, 7.4071

Tritanomaly

241.2050, 5.8149, 1.5742

Monochromacy



Original Color

241.0370, 3.9258, 0.8446

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.0370, 3.9258, 0.8446 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(242, 239, 249)` looks like.

```
.text, #text, p{  
    color:rgb(242, 239, 249)  
}
```

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(242, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 239, 249) }
```

Border

The CSS property to change the border of an element to YUV 241.0370, 3.9258, 0.8446 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(242, 239, 249) }
```


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

```
.border{ border-color:rgb(242, 239, 249) }
```

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

Here you see how a box with a 4 pixel rgb(242, 239, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(242, 239,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 241.0370, 3.9258, 0.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 239, 249) }
```

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

```
.background{ background-color: rgb(242,  
239, 249) }
```

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