

Converting Colors

YUV(242.4240, 0.2840, 2.2592)

Have a look what the booklet for
YUV(242.4240, 0.2840, 2.2592)
contains.

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Color

**YUV(242.4240, 0.2840,
2.2592)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1F3
RGB	245, 241, 243
RGB Percent	96%, 95%, 95%
CMY	0.0392, 0.0549, 0.0471
CMYK	0.00, 0.02, 0.01, 0.04
HSL	330°, 17%, 95%
HSV	330°, 2%, 96%
XYZ	85.2891, 88.7941, 97.4378
YIQ	242.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

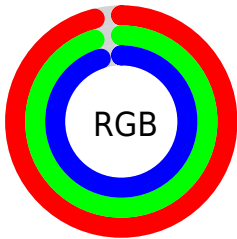
Format	Color
R_{YB}	245, 241, 243
Decimal	16118259
CIE Lab	95.49, 1.69, -0.50
CIE LCh	95, 1.761, 343.516
Yxy	88.7941, 0.3141, 0.3270
Android (android.graphics.Color)	4294308339 (0xFF5F1F3)
YUV	242.4240, 0.2840, 2.2592
Hunter-Lab	94.2306, -3.3414, 4.6535

Details

The YUV color `242.4240, 0.2840, 2.2592` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `243.5760, -0.2840, -2.2592`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.4240, 0.2840, 2.2592` is the 20% darker color. If you saturate the color by 10%, you get `226.9680, 1.9878, 15.8141`, and if you desaturate by 10%, it is `252.0100, 1.4741, -6.1478`.

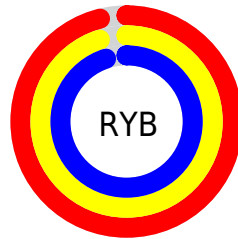
Distribution



Red (96%)

Green (95%)

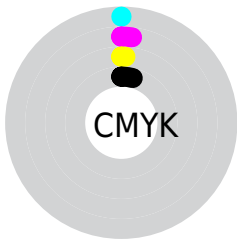
Blue (95%)



Red (96%)

Yellow (95%)

Blue (95%)

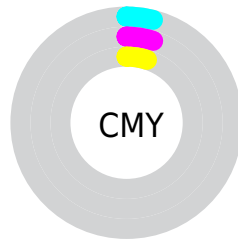


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (4%)



Cyan (4%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 242.4240, 0.2840, 2.2592 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 242.4240, 0.2840, 2.2592 by changing the saturation by 10% instead.


 242.4240, 0.2840,
2.2592


 242.4240, 0.2840,
2.2592


255.0000, 0.0000,
0.0000


 214.4240, 0.2840,
2.2592


 186.4240, 0.2840,
2.2592

 159.4240, 0.2840,
2.2592

 133.4240, 0.2840,
2.2592

 108.1250, 0.4314,
1.6444

 84.0110, -0.0054,
1.7444

 61.0110, -0.0054,

1.7444

■ 39.0110, -0.0054,
1.7444

■ 18.1250, 0.4314,
1.6444

■ 242.4240, 0.2840,
2.2592

■ 242.4240, 0.2840,
2.2592

■ 226.9680, 1.9878,
15.8141

■ 252.0100, 1.4741,
-6.1478

■ 210.8110, 3.5442,
29.9838

■ 195.3550, 5.2480,
43.5387

■ 179.3120, 7.2412,
57.6084

■ 163.2690, 9.2344,
71.6781

■ 147.6990, 10.5014,
85.3330

■ 131.6560, 12.4946,
99.4027

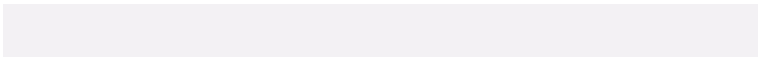
■ 116.2000, 14.1984,
112.9576

■ 100.1570, 16.1916,
127.0273

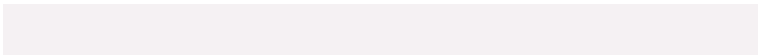
Harmonies

Analogous

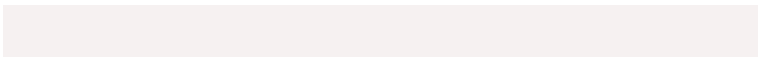
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.9400, 1.0156, 0.9296



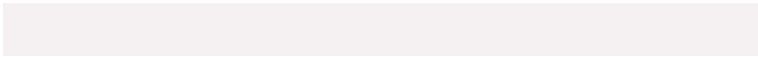
242.4240, 0.2840, 2.2592



242.4950, -0.7370, 3.0739

Triad

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



242.4240, 0.2840, 2.2592



241.9570, -1.4578, 0.9147



241.6190, 1.1738, -3.1739

Complementary

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



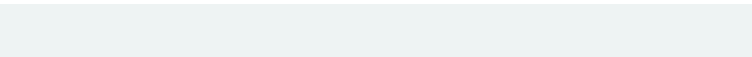
242.4240, 0.2840, 2.2592



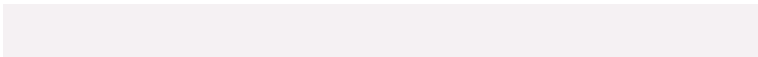
243.5760, -0.2840, -2.2592

Split Complementary

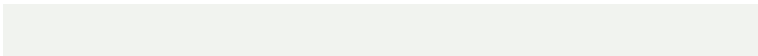
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.5050, 0.7370, -3.0739



242.4240, 0.2840, 2.2592



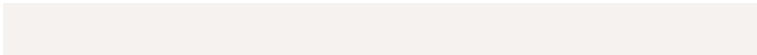
241.9460, -1.4524, -0.8296

Square

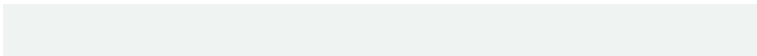
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.4240, 0.2840, 2.2592



242.5550, -1.7526, 2.1443



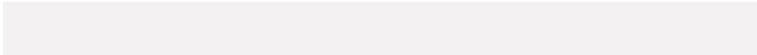
241.5760, -0.2840, -2.2592



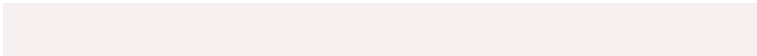
241.4450, 1.7526, -2.1443

Rectangle

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



242.4240, 0.2840, 2.2592



242.3810, -1.1738, 3.1739



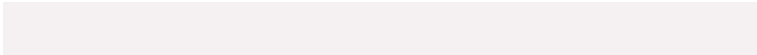
241.5760, -0.2840, -2.2592



241.6190, 1.1738, -3.1739

Sweetspot

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



242.4240, 0.2840, 2.2592

255.0000, 0.0000, 0.0000



242.0540, 1.4524, 0.8296



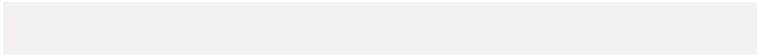
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

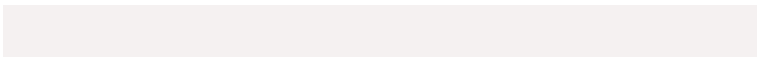
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4240, 0.2840, 2.2592



251.7230, 0.1366, 2.8739



242.1960, -0.5896, 2.4591



120.7120, 0.1420, 1.1296



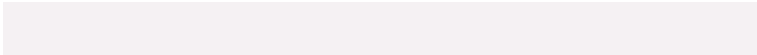
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Inverse Universe

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



242.4240, 0.2840, 2.2592



251.7230, 0.1366, 2.8739



243.8040, 0.5896, -2.4591



120.7120, 0.1420, 1.1296



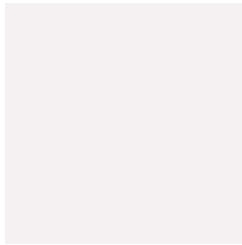
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 242.4240, 0.2840, 2.2592 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 242.4240, 0.2840, 2.2592 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

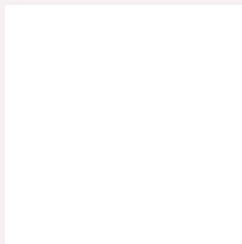
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.4240, 0.2840, 2.2592

Background



This preview shows how black text looks on a background with the YUV color 242.4240, 0.2840, 2.2592.



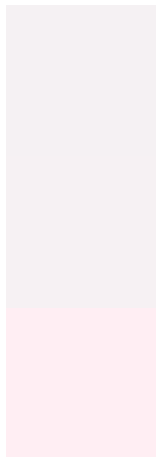
This preview shows how white text looks on a background with the YUV color 242.4240, 0.2840,

2.2592.

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

242.4240, 0.2840, 2.2592

Protanopia

242.7230, 0.1366, 2.8739

Deuteranopia

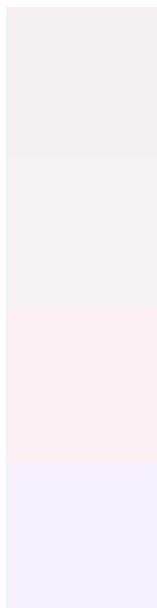
243.6530, -0.3219, 9.9513



Tritanopia

242.9170, 5.9569, 2.7038

Trichromacy



Original Color

242.4240, 0.2840, 2.2592

Protanomaly

242.7230, 0.1366, 2.8739

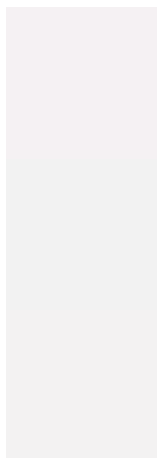
Deuteranomaly

243.0440, -0.0217, 6.9774

Tritanomaly

243.0480, 3.9203, 2.5889

Monochromacy



Original Color

242.4240, 0.2840, 2.2592

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.4240, 0.2840, 2.2592 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(245, 241, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 243)  
}
```

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(245, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 243) }
```

Border

The CSS property to change the border of an element to YUV 242.4240, 0.2840, 2.2592 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(245, 241, 243) }
```

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

```
.border{ border-color:rgb(245, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
243) }
```


Background

The CSS property to change the background color of an element to YUV 242.4240, 0.2840, 2.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 243) }
```

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

```
.background{ background-color: rgb(245,  
241, 243) }
```

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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