

Converting Colors

YUV(240.2930, 2.3206, 2.3740)

Have a look what the booklet for
YUV(240.2930, 2.3206, 2.3740)
contains.

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Color

**YUV(240.2930, 2.3206,
2.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EEF5
RGB	243, 238, 245
RGB Percent	95%, 93%, 96%
CMY	0.0471, 0.0667, 0.0392
CMYK	0.01, 0.03, 0.00, 0.04
HSL	283°, 26%, 95%
HSV	283°, 3%, 96%
XYZ	84.0181, 86.7963, 98.7113
YIQ	240.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

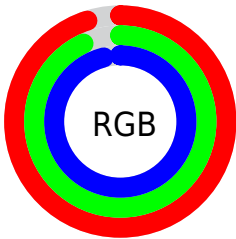
Format	Color
R _Y B	243, 238, 245
Decimal	15986421
CIE Lab	94.65, 2.91, -2.79
CIE LCh	95, 4.032, 316.251
Yxy	86.7963, 0.3117, 0.3220
Android (android.graphics.Color)	4294176501 (0xFFFF3EEF5)
YUV	240.2930, 2.3206, 2.3740
Hunter-Lab	93.1645, -2.0622, 2.3952

Details

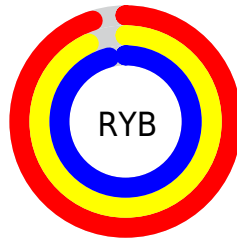
The YUV color `240.2930, 2.3206, 2.3740` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242.7070, -2.3206, -2.3740`, and the grayscale version is `240.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.2930, 2.3206, 2.3740` is the 20% darker color. If you saturate the color by 10%, you get `224.1120, 10.2978, 10.4258`, and if you desaturate by 10%, it is `252.3650, -3.6309, -2.0741`.

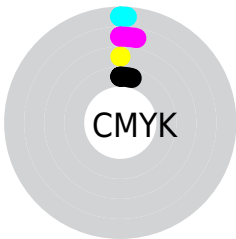
Distribution



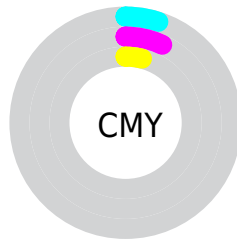
- Red (95%)
- Green (93%)
- Blue (96%)



- Red (95%)
- Yellow (93%)
- Blue (96%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.2930, 2.3206, 2.3740 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 240.2930, 2.3206, 2.3740 by changing the saturation by 10% instead.

240.2930, 2.3206,
2.3740

240.2930, 2.3206,
2.3740

255.0000, 0.0000,
0.0000

212.2930, 2.3206,
2.3740

184.2930, 2.3206,
2.3740

157.2930, 2.3206,
2.3740

131.2930, 2.3206,
2.3740

106.1790, 1.8838,
2.4740

81.8800, 2.0312,
1.8592

58.8800, 2.0312,

1.8592

■ 37.4670, 1.7418,
1.3444

■ 16.2930, 2.3206,
2.3740

■ 240.2930, 2.3206,
2.3740

■ 240.2930, 2.3206,
2.3740

■ 224.1120, 10.2978,
10.4258

■ 252.3650, -3.6309,
-2.0741

■ 207.3440, 18.5644,
18.9923

■ 253.8600, -4.3680,
0.9998

■ 190.5760, 26.8310,
27.5588

■ 174.3950, 34.8083,
35.6106

■ 158.2140, 42.7855,
43.6623

■ 141.4460, 51.0521,
52.2289

■ 124.6780, 59.3187,
60.7954

■ 108.4970, 67.2960,
68.8471

■ 91.7290, 75.5626,
77.4137

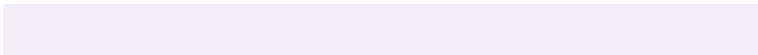
Harmonies

Analogous

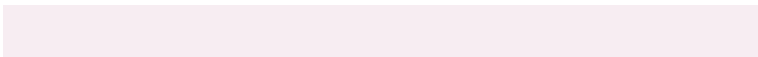
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.6130, 3.6418, -1.4146



240.2930, 2.3206, 2.3740



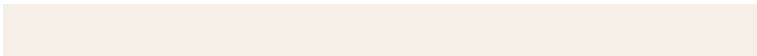
240.5600, 0.7099, 5.6479

Triad

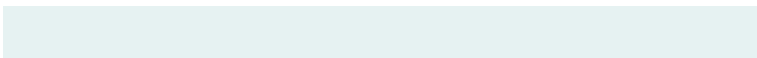
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.2930, 2.3206, 2.3740



239.9960, -3.9420, 4.3885



238.4120, 1.7689, -7.3773

Complementary

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



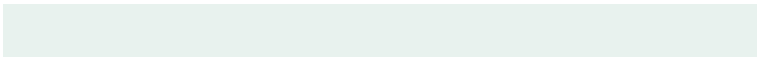
240.2930, 2.3206, 2.3740



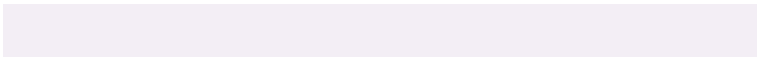
242.7070, -2.3206, -2.3740

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.



238.5540, -0.2731, -5.7479



240.2930, 2.3206, 2.3740



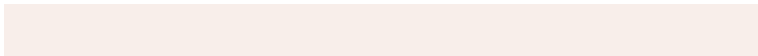
239.3870, -3.6418, 1.4146

Square

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



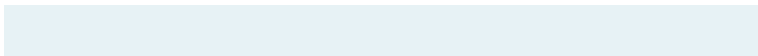
240.2930, 2.3206, 2.3740



240.5340, -3.2213, 6.5477



238.7070, -2.3206, -2.3740



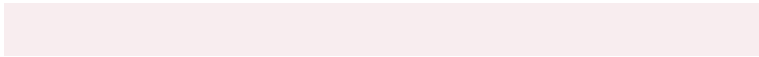
239.0530, 2.9319, -7.0625

Rectangle

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



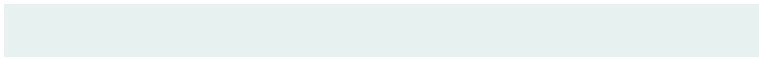
240.2930, 2.3206, 2.3740



240.5170, -0.7479, 6.5626



238.7070, -2.3206, -2.3740



238.4830, 0.7479, -6.5626

Sweetspot

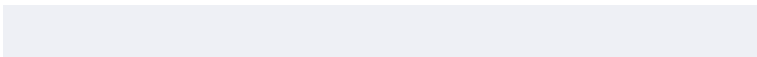
The Sweet Spot groups the original color and five complimentary colors.



240.2930, 2.3206, 2.3740



252.9400, 1.0156, 0.9296



239.9720, 2.4788, -1.7294



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.



240.2930, 2.3206, 2.3740



249.7060, 2.6099, 2.8888



240.7770, 1.5889, 3.7036



119.3530, 1.3050, 1.4444



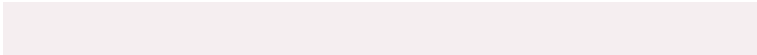
60.9710, 61.6393, 63.1694



19.2840, 19.5800, 19.9219

Inverse Universe

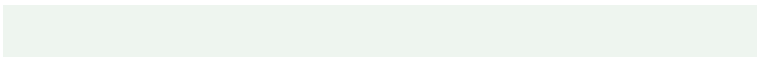
The Inverse Universe completely reimagines the original color for something new.



240.3210, -0.1583, 4.1035



249.7340, 0.1311, 4.6183



242.2230, -1.5889, -3.7036



119.3100, -0.1528, 2.3591



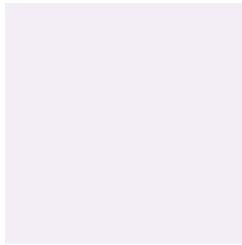
61.6560, -4.2674, 109.0497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 240.2930, 2.3206, 2.3740 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 240.2930, 2.3206, 2.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

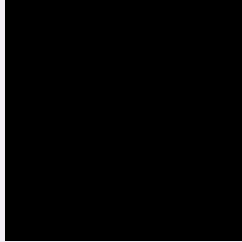
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

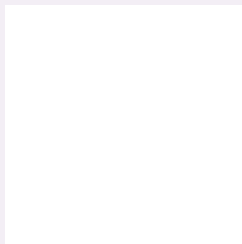
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.2930, 2.3206, 2.3740

Background



This preview shows how black text looks on a background with the YUV color 240.2930, 2.3206, 2.3740.



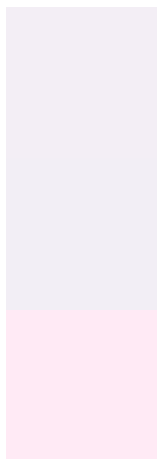
This preview shows how white text looks on a background with the YUV color 240.2930, 2.3206,

2.3740.

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

240.2930, 2.3206, 2.3740

Protanopia

239.9940, 2.4680, 1.7593

Deuteranopia

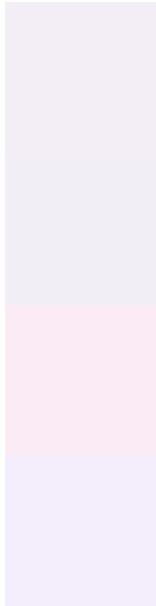
241.5330, 1.7092, 11.8106



Tritanopia

240.8570, 6.9725, 3.6334

Trichromacy



Original Color

240.2930, 2.3206, 2.3740

Protanomaly

239.9940, 2.4680, 1.7593

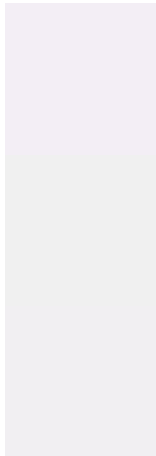
Deuteranomaly

240.9240, 2.0095, 8.8367

Tritanomaly

240.6890, 5.0833, 2.9037

Monochromacy



Original Color

240.2930, 2.3206, 2.3740

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.2930, 2.3206, 2.3740 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(243, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 245)  
}
```

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(243, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 245) }
```

Border

The CSS property to change the border of an element to YUV 240.2930, 2.3206, 2.3740 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(243, 238, 245) }
```


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

```
.border{ border-color:rgb(243, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 240.2930, 2.3206, 2.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 245) }
```

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

```
.background{ background-color: rgb(243,  
238, 245) }
```

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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