

Converting Colors

YUV(240.1680, 1.8892, 0.7297)

Have a look what the booklet for
YUV(240.1680, 1.8892, 0.7297)
contains.

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Color

**YUV(240.1680, 1.8892,
0.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EFF4
RGB	241, 239, 244
RGB Percent	95%, 94%, 96%
CMY	0.0549, 0.0627, 0.0431
CMYK	0.01, 0.02, 0.00, 0.04
HSL	264°, 19%, 95%
HSV	264°, 2%, 96%
XYZ	83.4713, 86.9654, 97.9745
YIQ	240.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

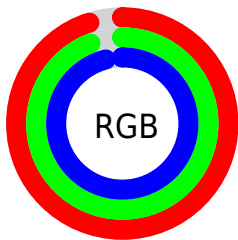
Format	Color
R _Y B	241, 239, 244
Decimal	15855604
CIE Lab	94.72, 1.56, -2.18
CIE LCh	95, 2.682, 305.565
Yxy	86.9654, 0.3110, 0.3240
Android (android.graphics.Color)	4294045684 (0xFFFF1EFF4)
YUV	240.1680, 1.8892, 0.7297
Hunter-Lab	93.2553, -3.4243, 2.9882

Details

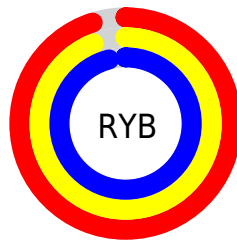
The YUV color `240.1680, 1.8892, 0.7297` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242.8320, -1.8892, -0.7297`, and the grayscale version is `240.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.1680, 1.8892, 0.7297` is the 20% darker color. If you saturate the color by 10%, you get `221.5950, 11.0457, 3.8632`, and if you desaturate by 10%, it is `253.7460, -4.8048, 1.0998`.

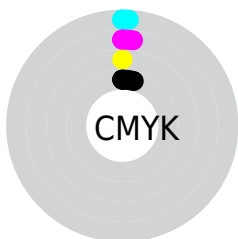
Distribution



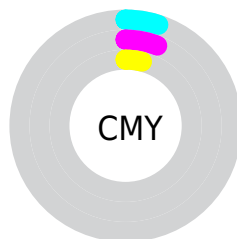
- Red (95%)
- Green (94%)
- Blue (96%)



- Red (95%)
- Yellow (94%)
- Blue (96%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.1680, 1.8892, 0.7297 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 240.1680, 1.8892, 0.7297 by changing the saturation by 10% instead.

■ 240.1680, 1.8892,
0.7297

■ 240.1680, 1.8892,
0.7297

255.0000, 0.0000,
0.0000

■ 212.1680, 1.8892,
0.7297

■ 184.1680, 1.8892,
0.7297

■ 157.1680, 1.8892,
0.7297

■ 131.1680, 1.8892,
0.7297

■ 106.0540, 1.4524,
0.8296

■ 82.0540, 1.4524,
0.8296

■ 59.0540, 1.4524,

0.8296

■ 37.6410, 1.1630,
0.3148

■ 16.1680, 1.8892,
0.7297

■ 240.1680, 1.8892,
0.7297

■ 240.1680, 1.8892,
0.7297

■ 221.5950, 11.0457,
3.8632

■ 253.7460, -4.8048,
1.0998

■ 202.7340, 20.3441,
8.1263

■ 184.1610, 29.5006,
11.2598

■ 165.0010, 38.9465,
14.9081

■ 146.7270, 47.9556,
18.6564

■ 128.1540, 57.1121,
21.7899

■ 109.2930, 66.4106,
26.0530

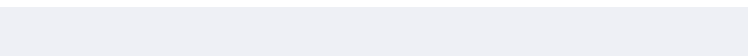
■ 90.7200, 75.5670,
29.1866

■ 71.5600, 85.0129,
32.8349

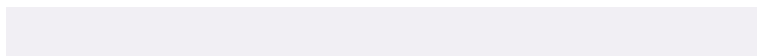
Harmonies

Analogous

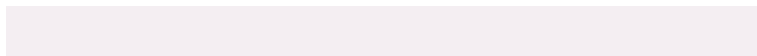
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.9720, 2.4788, -1.7294



240.1680, 1.8892, 0.7297



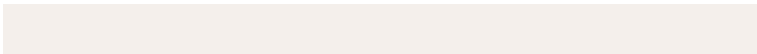
240.2500, 0.8628, 3.2888

Triad

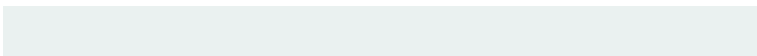
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.1680, 1.8892, 0.7297



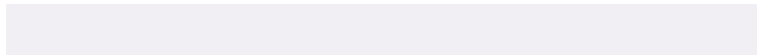
240.0390, -2.4842, 3.4738



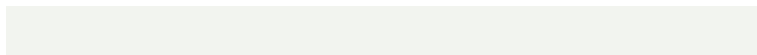
238.7930, 0.5951, -4.2035

Complementary

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



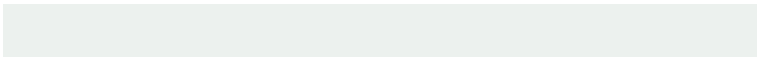
240.1680, 1.8892, 0.7297



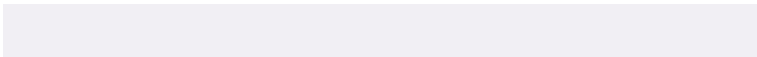
242.8320, -1.8892, -0.7297

Split Complementary

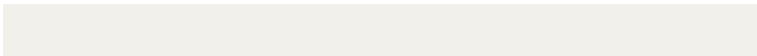
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.1630, -0.5734, -2.7740



240.1680, 1.8892, 0.7297



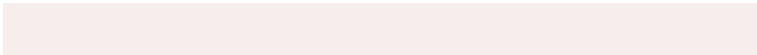
240.0280, -2.4788, 1.7294

Square

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



240.1680, 1.8892, 0.7297



240.2780, -1.6161, 5.0182



239.8320, -1.8892, -0.7297



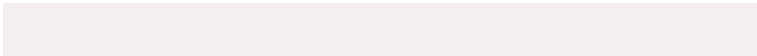
239.1350, 1.9054, -4.5034

Rectangle

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



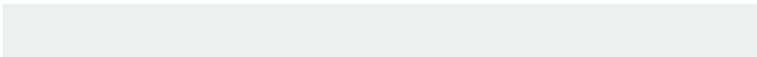
240.1680, 1.8892, 0.7297



240.3210, -0.1583, 4.1035



239.8320, -1.8892, -0.7297



238.6790, 0.1583, -4.1035

Sweetspot

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



240.1680, 1.8892, 0.7297



252.6410, 1.1630, 0.3148



241.3310, 1.3158, -2.0443



126.5270, 0.7262, 0.4148



0.0000, 0.0000, 0.0000



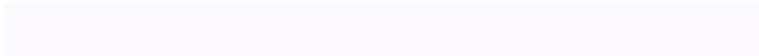
128.0000, 0.0000, 0.0000

Same Dimension

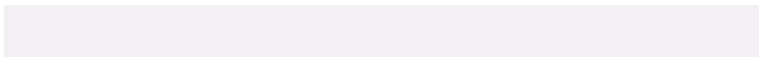
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.1680, 1.8892, 0.7297



251.1680, 1.8892, 0.7297



240.7660, 1.5944, 1.9592



120.5270, 0.7262, 0.4148



43.3300, 70.3363, 26.8976



13.6030, 22.3807, 8.2412

Inverse Universe

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



240.8370, 0.5734, 2.7740



251.8370, 0.5734, 2.7740



242.2340, -1.5944, -1.9592



120.7120, 0.1420, 1.1296



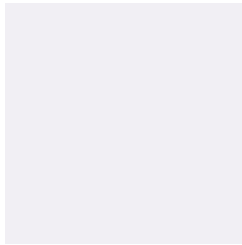
68.3820, 21.5037, 103.1510



21.6310, 6.5909, 32.7726

Previews

White Background



This preview shows how the YUV color 240.1680, 1.8892, 0.7297 looks on a white background.

Color Contrast Check

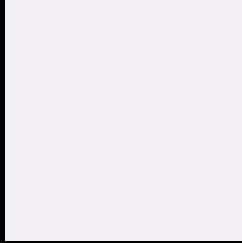
Large Text (above 18pt) WCAG AA × Fail

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 240.1680, 1.8892, 0.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

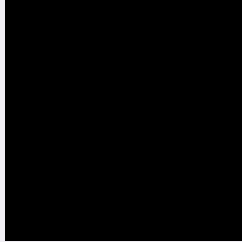
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

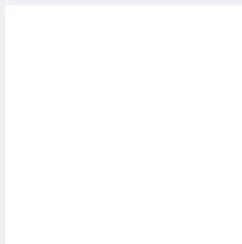
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.1680, 1.8892, 0.7297

Background



This preview shows how black text looks on a background with the YUV color 240.1680, 1.8892, 0.7297.



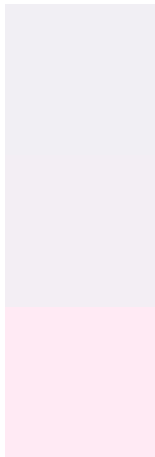
This preview shows how white text looks on a background with the YUV color 240.1680, 1.8892,

0.7297.

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

240.1680, 1.8892, 0.7297

Protanopia

240.1790, 1.8838, 2.4740

Deuteranopia

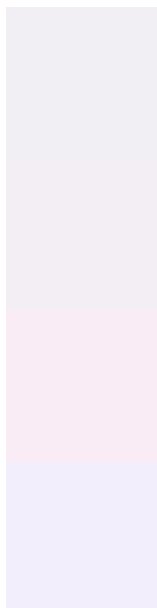
241.4190, 1.2724, 11.9105



Tritanopia

240.8460, 6.9779, 1.8891

Trichromacy



Original Color

240.1680, 1.8892, 0.7297

Protanomaly

239.8800, 2.0312, 1.8592

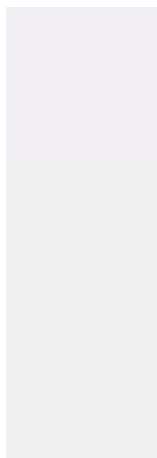
Deuteranomaly

241.0980, 1.4307, 7.8071

Tritanomaly

240.6780, 5.0887, 1.1594

Monochromacy



Original Color

240.1680, 1.8892, 0.7297

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.1680, 1.8892, 0.7297 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(241, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 244)  
}
```

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(241, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 244) }
```

Border

The CSS property to change the border of an element to YUV 240.1680, 1.8892, 0.7297 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(241, 239, 244) }
```


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

```
.border{ border-color:rgb(241, 239, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 240.1680, 1.8892, 0.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 244) }
```

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

```
.background{ background-color: rgb(241,  
239, 244) }
```

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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