

Converting Colors

YUV(235.2980, 4.7831, 5.8777)

Have a look what the booklet for
YUV(235.2980, 4.7831, 5.8777)
contains.

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Color

**YUV(235.2980, 4.7831,
5.8777)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E6F5
RGB	242, 230, 245
RGB Percent	95%, 90%, 96%
CMY	0.0510, 0.0980, 0.0392
CMYK	0.01, 0.06, 0.00, 0.04
HSL	288°, 43%, 93%
HSV	288°, 6%, 96%
XYZ	81.3962, 82.0634, 97.9360
YIQ	235.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

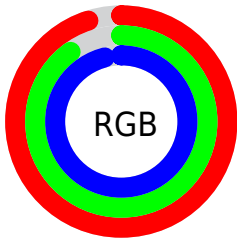
Format	Color
R _Y B	242, 230, 245
Decimal	15918837
CIE Lab	92.60, 6.70, -5.81
CIE LCh	93, 8.870, 319.055
Yxy	82.0634, 0.3114, 0.3139
Android (android.graphics.Color)	4294108917 (0xFFFF2E6F5)
YUV	235.2980, 4.7831, 5.8777
Hunter-Lab	90.5889, 1.8558, -0.6864

Details

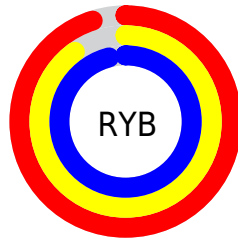
The YUV color `235.2980, 4.7831, 5.8777` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `239.7020, -4.7831, -5.8777`, and the grayscale version is `235.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `179.8850, 4.4937, 5.3629` is the 20% darker color. If you saturate the color by 10%, you get `219.7150, 12.4655, 15.1589`, and if you desaturate by 10%, it is `251.4680, -3.1887, -3.9184`.

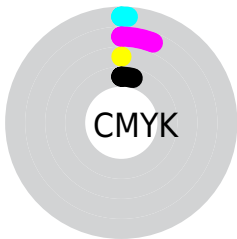
Distribution



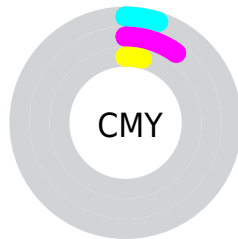
- Red (95%)
- Green (90%)
- Blue (96%)



- Red (95%)
- Yellow (90%)
- Blue (96%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)




- Cyan (5%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 235.2980, 4.7831, 5.8777 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 235.2980, 4.7831, 5.8777 by changing the saturation by 10% instead.

 235.2980, 4.7831,
5.8777

 235.2980, 4.7831,
5.8777


255.0000, 0.0000,
0.0000


 207.2980, 4.7831,
5.8777

 179.8850, 4.4937,
5.3629

 152.8850, 4.4937,
5.3629

 126.8850, 4.4937,
5.3629

 101.7710, 4.0569,
5.4628

 78.0590, 3.9149,
4.3333

 55.0590, 3.9149,

4.3333

■ 33.6460, 3.6255,
3.8185

■ 10.7110, 5.0725,
6.3925

■ 235.2980, 4.7831,
5.8777

■ 235.2980, 4.7831,
5.8777

■ 219.7150, 12.4655,
15.1589

■ 251.4680, -3.1887,
-3.9184

■ 203.5450, 20.4373,
24.9550

■ 252.9630, -3.9258,
-0.8446

■ 187.9620, 28.1197,
34.2363

■ 253.8600, -4.3680,
0.9998

■ 171.7920, 36.0915,
44.0324

■ 156.2090, 43.7740,
53.3137

■ 140.3380, 51.5984,
63.7246

■ 124.7550, 59.2808,
73.0059

■ 108.5850, 67.2526,
82.8020

■ 93.0020, 74.9350,
92.0832

Harmonies

Analogous

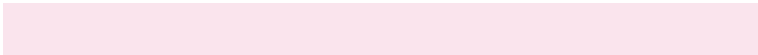
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.6390, 7.5730, -2.3144



235.2980, 4.7831, 5.8777



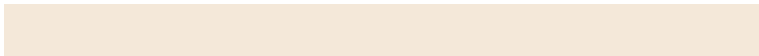
235.6040, 0.6882, 12.6253

Triad

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



235.2980, 4.7831, 5.8777



233.8780, -8.3209, 8.8770



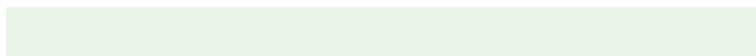
231.2260, 3.8326, -15.9842

Complementary

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



235.2980, 4.7831, 5.8777



239.7020, -4.7831, -5.8777

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.



231.3960, -0.6882, -12.6253



235.2980, 4.7831, 5.8777



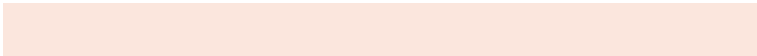
233.0620, -7.4256, 1.6996

Square

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



235.2980, 4.7831, 5.8777



235.2530, -7.0267, 13.8101



231.7020, -4.7831, -5.8777



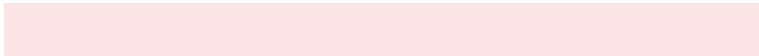
232.0350, 6.8847, -14.9397

Rectangle

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



235.2980, 4.7831, 5.8777



235.5180, -2.2274, 14.4547



231.7020, -4.7831, -5.8777



231.1830, 2.3748, -15.0695

Sweetspot

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



235.2980, 4.7831, 5.8777



251.7660, 1.5944, 1.9592



233.4710, 5.6838, -3.0441



125.9400, 1.0156, 0.9296



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.



235.2980, 4.7831, 5.8777



243.2380, 5.7987, 6.8073



235.7390, 2.5937, 8.1219



116.1190, 2.8993, 3.4036



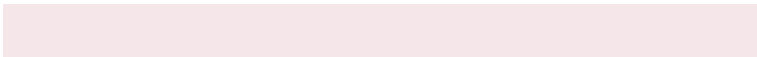
65.7550, 59.2808, 73.0059



20.7790, 18.8430, 22.9958

Inverse Universe

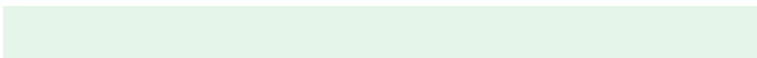
The Inverse Universe completely reimagines the original color for something new.



234.8270, -0.9007, 8.9217



242.8380, -0.9061, 10.6661



239.2610, -2.5937, -8.1219



115.9190, -0.4531, 5.3330



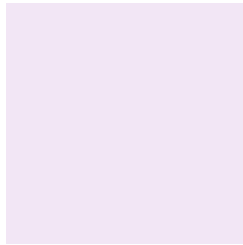
59.8320, -11.2562, 110.6493



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 235.2980, 4.7831, 5.8777 looks on a white background.

Color Contrast Check

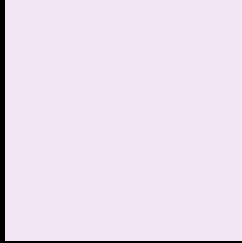
Large Text (above 18pt) WCAG AA × Fail

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 235.2980, 4.7831, 5.8777 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

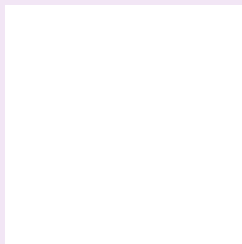
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.2980, 4.7831, 5.8777

Background



This preview shows how black text looks on a background with the YUV color 235.2980, 4.7831, 5.8777.



This preview shows how white text looks on a background with the YUV color 235.2980, 4.7831,

5.8777.

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

235.2980, 4.7831, 5.8777

Protanopia

234.1940, 5.8204, -0.1701

Deuteranopia

236.3420, 4.7614, 12.8551



Tritanopia

235.6400, 6.0935, 5.5777

Trichromacy



Original Color

235.2980, 4.7831, 5.8777

Protanomaly

234.5040, 5.6675, 2.1890

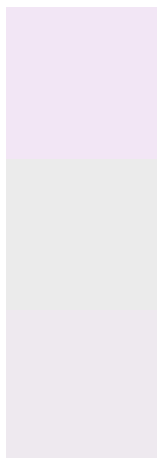
Deuteranomaly

236.0320, 4.9142, 10.4959

Tritanomaly

235.5260, 5.6567, 5.6777

Monochromacy



Original Color

235.2980, 4.7831, 5.8777

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2980, 4.7831, 5.8777 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, 230, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 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(242, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 245) }
```

Border

The CSS property to change the border of an element to YUV 235.2980, 4.7831, 5.8777 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, 230, 245) }
```


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

```
.border{ border-color:rgb(242, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 235.2980, 4.7831, 5.8777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 245) }
```

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

```
.background{ background-color: rgb(242,  
230, 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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