

Converting Colors

YUV(233.2380, 5.7987, 6.8073)

Have a look what the booklet for
YUV(233.2380, 5.7987, 6.8073)
contains.

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Color

**YUV(233.2380, 5.7987,
6.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E3F5
RGB	241, 227, 245
RGB Percent	95%, 89%, 96%
CMY	0.0549, 0.1098, 0.0392
CMYK	0.02, 0.07, 0.00, 0.04
HSL	287°, 47%, 93%
HSV	287°, 7%, 96%
XYZ	80.2261, 80.2315, 97.6441
YIQ	233.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

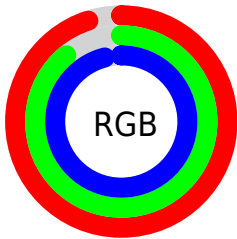
Format	Color
R _Y B	241, 227, 245
Decimal	15852533
CIE Lab	91.79, 7.92, -7.02
CIE LCh	92, 10.589, 318.441
Yxy	80.2315, 0.3108, 0.3109
Android (android.graphics.Color)	4294042613 (0xFFFF1E3F5)
YUV	233.2380, 5.7987, 6.8073
Hunter-Lab	89.5720, 3.1243, -1.9326

Details

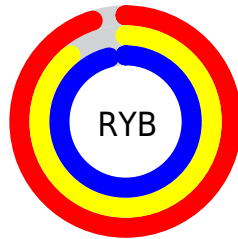
The YUV color $233.2380, 5.7987, 6.8073$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.7620, -5.7987, -6.8073$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.8250, 5.5093, 6.2925$ is the 20% darker color. If you saturate the color by 10%, you get $217.6550, 13.4811, 16.0886$, and if you desaturate by 10%, it is $248.8210, -1.8838, -2.4740$.

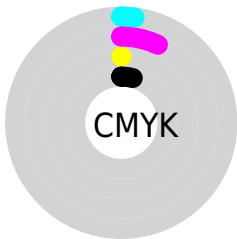
Distribution



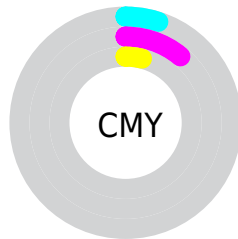
- Red (95%)
- Green (89%)
- Blue (96%)



- Red (95%)
- Yellow (89%)
- Blue (96%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2380, 5.7987, 6.8073 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 233.2380, 5.7987, 6.8073 by changing the saturation by 10% instead.


 233.2380, 5.7987,
6.8073


 233.2380, 5.7987,
6.8073


255.0000, 0.0000,
0.0000


 205.2380, 5.7987,
6.8073

 177.8250, 5.5093,
6.2925

 150.8250, 5.5093,
6.2925

 124.8250, 5.5093,
6.2925

 100.2980, 4.7831,
5.8777

 75.9990, 4.9305,
5.2629

 53.5860, 4.6411,

4.7481

■ 32.1730, 4.3517,
4.2333

■ 8.0640, 6.3774,
7.8369

■ 233.2380, 5.7987,
6.8073

■ 233.2380, 5.7987,
6.8073

■ 217.6550, 13.4811,
16.0886

■ 248.8210, -1.8838,
-2.4740

■ 201.1860, 21.6003,
25.2699

■ 252.9630, -3.9258,
-0.8446

■ 185.6030, 29.2827,
34.5512

■ 253.8600, -4.3680,
0.9998

■ 169.1340, 37.4019,
43.7325

■ 152.9640, 45.3737,
53.5286

■ 137.0820, 53.2036,
62.1951

■ 120.9120, 61.1754,
71.9912

■ 105.0300, 69.0052,
80.6577

■ 88.8600, 76.9770,
90.4538

Harmonies

Analogous

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



232.0950, 9.3202, -2.7143



233.2380, 5.7987, 6.8073



233.7290, 1.1196, 14.2697

Triad

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



233.2380, 5.7987, 6.8073



231.5470, -9.6367, 10.9213



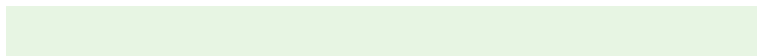
228.6170, 4.1328, -18.9581

Complementary

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



233.2380, 5.7987, 6.8073



238.7620, -5.7987, -6.8073

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.



228.3850, -0.6828, -14.3696



233.2380, 5.7987, 6.8073



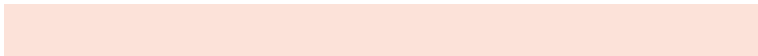
230.6060, -9.1728, 2.0995

Square

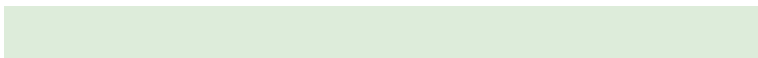
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.2380, 5.7987, 6.8073



232.7480, -7.7638, 16.8840



229.4630, -5.6513, -7.4221



228.7680, 8.4954, -18.2135

Rectangle

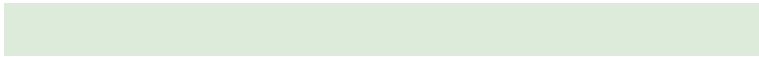
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



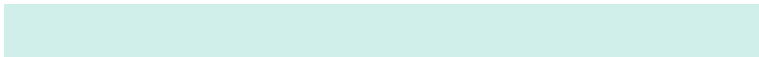
233.2380, 5.7987, 6.8073



233.8280, -2.3802, 16.8138



229.4630, -5.6513, -7.4221



228.5740, 2.6750, -18.0434

Sweetspot

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



233.2380, 5.7987, 6.8073



251.7660, 1.5944, 1.9592



231.4000, 6.7048, -3.8588



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.



233.2380, 5.7987, 6.8073



240.0040, 7.3930, 8.7665



233.8640, 3.0250, 9.7663



114.3580, 3.7675, 4.9480



64.5590, 59.8704, 70.5468



20.4800, 18.9904, 22.3810

Inverse Universe

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



232.8380, -0.9061, 10.6661



239.4470, -1.2064, 13.6400



238.1360, -3.0250, -9.7663



113.9300, -0.4585, 7.0774



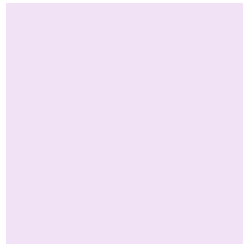
60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721

Previews

White Background



This preview shows how the YUV color 233.2380, 5.7987, 6.8073 looks on a white background.

Color Contrast Check

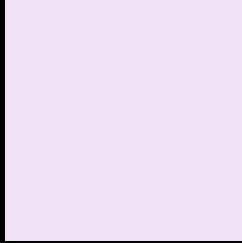
Large Text (above 18pt) WCAG AA × Fail

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 233.2380, 5.7987, 6.8073 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

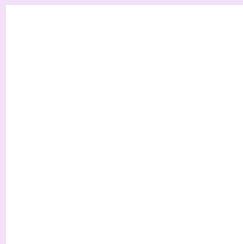
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.2380, 5.7987, 6.8073

Background



This preview shows how black text looks on a background with the YUV color 233.2380, 5.7987, 6.8073.



This preview shows how white text looks on a background with the YUV color 233.2380, 5.7987,

6.8073.

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

233.2380, 5.7987, 6.8073

Protanopia

232.2370, 7.2782, -1.0848

Deuteranopia

234.1570, 5.3456, 12.1403



Tritanopia

233.2380, 5.7987, 6.8073

Trichromacy



Original Color

233.2380, 5.7987, 6.8073

Protanomaly

232.7320, 6.5411, 1.9890

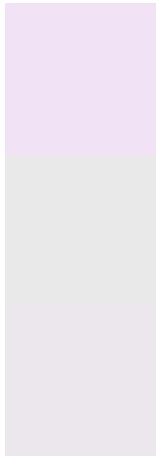
Deuteranomaly

233.8470, 5.4984, 9.7812

Tritanomaly

233.2380, 5.7987, 6.8073

Monochromacy



Original Color

233.2380, 5.7987, 6.8073

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2380, 5.7987, 6.8073 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, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 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(241, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 245) }
```

Border

The CSS property to change the border of an element to YUV 233.2380, 5.7987, 6.8073 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, 227, 245) }
```


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

```
.border{ border-color:rgb(241, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 233.2380, 5.7987, 6.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 245) }
```

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

```
.background{ background-color: rgb(241,  
227, 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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