

Converting Colors

YUV(237.4830, 4.1989, 6.5924)

Have a look what the booklet for
YUV(237.4830, 4.1989, 6.5924)
contains.

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Color

**YUV(237.4830, 4.1989,
6.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E8F6
RGB	245, 232, 246
RGB Percent	96%, 91%, 96%
CMY	0.0392, 0.0902, 0.0353
CMYK	0.00, 0.06, 0.00, 0.04
HSL	296°, 44%, 94%
HSV	296°, 6%, 96%
XYZ	83.1474, 83.7795, 98.9775
YIQ	237.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

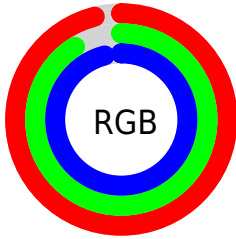
Format	Color
R _Y B	245, 232, 246
Decimal	16115958
CIE Lab	93.35, 6.84, -5.20
CIE LCh	93, 8.592, 322.765
Yxy	83.7795, 0.3127, 0.3151
Android (android.graphics.Color)	4294306038 (0xFF5E8F6)
YUV	237.4830, 4.1989, 6.5924
Hunter-Lab	91.5312, 1.9708, -0.0416

Details

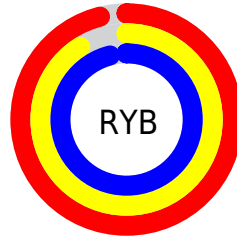
The YUV color **237.4830, 4.1989, 6.5924** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **240.5170, -4.1989, -6.5924**, and the grayscale version is **237.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **181.4830, 4.1989, 6.5924** is the 20% darker color. If you saturate the color by 10%, you get **222.2100, 11.7285, 18.2328**, and if you desaturate by 10%, it is **251.5820, -2.7519, -4.0184**.

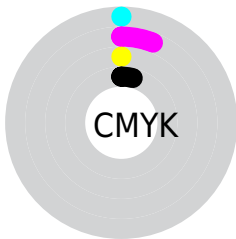
Distribution



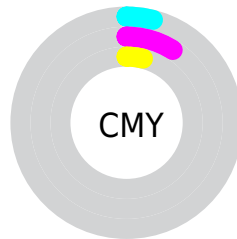
- Red (96%)
- Green (91%)
- Blue (96%)



- Red (96%)
- Yellow (91%)
- Blue (96%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.4830, 4.1989, 6.5924 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 237.4830, 4.1989, 6.5924 by changing the saturation by 10% instead.

237.4830, 4.1989,
6.5924

237.4830, 4.1989,
6.5924

255.0000, 0.0000,
0.0000

209.4830, 4.1989,
6.5924

181.4830, 4.1989,
6.5924

155.0700, 3.9095,
6.0776

128.6570, 3.6201,
5.5628

103.6570, 3.6201,
5.5628

79.6570, 3.6201,
5.5628

56.5430, 3.1833,

5.6628

■ 35.2440, 3.3307,
5.0480

■ 12.7820, 4.0515,
7.2072

■ 237.4830, 4.1989,
6.5924

■ 237.4830, 4.1989,
6.5924

■ 222.2100, 11.7285,
18.2328

■ 251.5820, -2.7519,
-4.0184

■ 207.5240, 18.9687,
29.3585

■ 252.1800, -3.0467,
-2.7889

■ 192.5500, 26.3509,
41.6137

■ 252.4790, -3.1941,
-2.1741

■ 177.8640, 33.5910,
52.7393

■ 253.0770, -3.4890,
-0.9445

■ 162.5910, 41.1206,
64.3797

■ 253.6750, -3.7838,
0.2850

■ 147.3180, 48.6502,
76.0201

■ 253.9740, -3.9312,
0.8998

■ 132.9310, 55.7430,
87.7605

■ 117.6580, 63.2726,
99.4009

■ 102.9720, 70.5128,
110.5266

Harmonies

Analogous

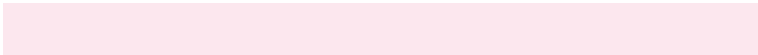
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2370, 7.2782, -1.0848



237.4830, 4.1989, 6.5924



238.0770, -0.0380, 12.2105

Triad

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



237.4830, 4.1989, 6.5924



236.2800, -8.0260, 7.6474



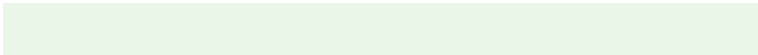
233.6390, 4.1220, -15.4694

Complementary

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



237.4830, 4.1989, 6.5924



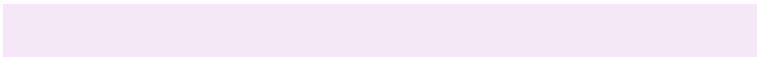
240.5170, -4.1989, -6.5924

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.



233.5100, -0.2514, -12.7253



237.4830, 4.1989, 6.5924



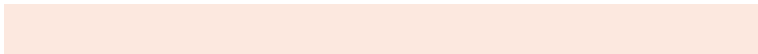
234.8770, -6.8414, 0.9849

Square

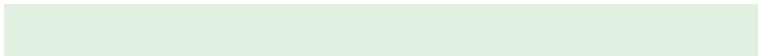
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.4830, 4.1989, 6.5924



236.9540, -6.8793, 13.1953



234.2180, -4.0515, -7.2072



234.4480, 7.1741, -14.4249

Rectangle

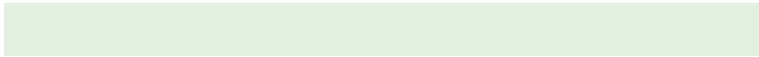
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.4830, 4.1989, 6.5924



237.5180, -2.2274, 14.4547



234.2180, -4.0515, -7.2072



233.2970, 2.8116, -15.1695

Sweetspot

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



237.4830, 4.1989, 6.5924



252.0650, 1.4470, 2.5740



234.1830, 5.8258, -1.9145



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.



237.4830, 4.1989, 6.5924



244.1350, 5.3564, 8.6516



237.0980, 1.4307, 7.8071



116.7170, 2.6045, 4.6332



72.9310, 55.7430, 87.7605



22.8720, 17.8111, 27.2993

Inverse Universe

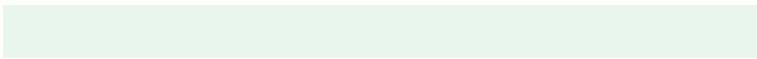
The Inverse Universe completely reimagines the original color for something new.



236.3000, -1.6269, 8.5069



242.4960, -2.2165, 10.9660



240.9020, -1.4307, -7.8071



115.6910, -1.3267, 5.5330



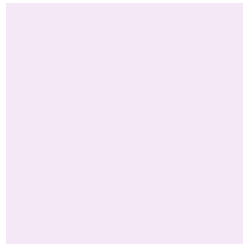
57.0960, -21.7393, 113.0488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 237.4830, 4.1989, 6.5924 looks on a white background.

Color Contrast Check

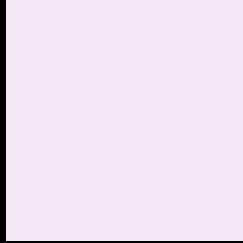
Large Text (above 18pt) WCAG AA × Fail

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 237.4830, 4.1989, 6.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

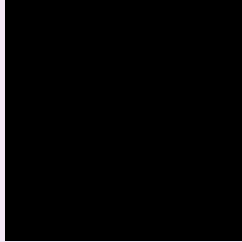
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

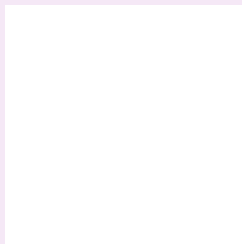
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.4830, 4.1989, 6.5924

Background



This preview shows how black text looks on a background with the YUV color 237.4830, 4.1989, 6.5924.



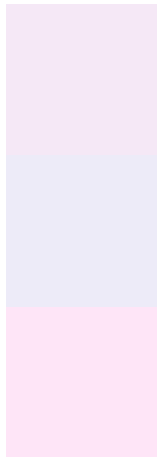
This preview shows how white text looks on a background with the YUV color 237.4830, 4.1989, 6.5924.

6.5924.

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

237.4830, 4.1989, 6.5924

Protanopia

237.0800, 5.3836, -0.0702

Deuteranopia

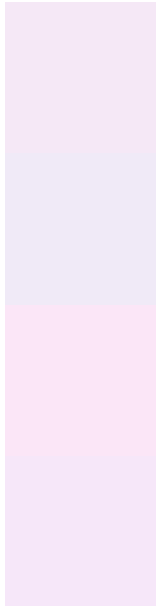
238.5270, 4.1772, 13.5698



Tritanopia

237.6510, 6.0881, 7.3221

Trichromacy



Original Color

237.4830, 4.1989, 6.5924

Protanomaly

237.2760, 4.7939, 2.3889

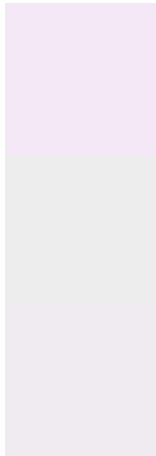
Deuteranomaly

238.2170, 4.3300, 11.2107

Tritanomaly

237.5370, 5.6513, 7.4221

Monochromacy



Original Color

237.4830, 4.1989, 6.5924

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.4830, 4.1989, 6.5924 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, 232, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 246)  
}
```

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, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 246) }
```

Border

The CSS property to change the border of an element to YUV 237.4830, 4.1989, 6.5924 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, 232, 246) }
```


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

```
.border{ border-color:rgb(245, 232, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 237.4830, 4.1989, 6.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 246) }
```

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

```
.background{ background-color: rgb(245,  
232, 246) }
```

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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