

# Converting Colors

YUV(237.2830, 0.8465, 8.5218)

Have a look what the booklet for  
YUV(237.2830, 0.8465, 8.5218)  
contains.

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# Color

**YUV(237.2830, 0.8465,  
8.5218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E8EF
RGB	247, 232, 239
RGB Percent	97%, 91%, 94%
CMY	0.0314, 0.0902, 0.0627
CMYK	0.00, 0.06, 0.03, 0.03
HSL	332°, 48%, 94%
HSV	332°, 6%, 97%
XYZ	82.7944, 83.7194, 93.4571
YIQ	237.2830, 6.6930, 5.3570

# Conversions

## Conversions Part 2

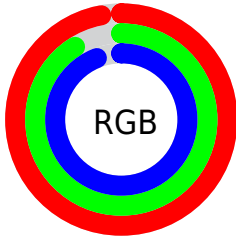
Format	Color
R <sub>Y</sub> B	247, 232, 239
Decimal	16247023
CIE Lab	93.33, 6.28, -1.57
CIE LCh	93, 6.470, 345.930
Yxy	83.7194, 0.3185, 0.3220
Android (android.graphics.Color)	4294437103 (0xFF7E8EF)
YUV	237.2830, 0.8465, 8.5218
Hunter-Lab	91.4983, 1.3979, 3.4895

# Details

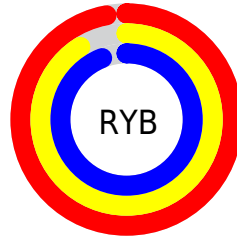
The YUV color `237.2830, 0.8465, 8.5218` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `241.7170, -0.8465, -8.5218`, and the grayscale version is `237.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `181.2830, 0.8465, 8.5218` is the 20% darker color. If you saturate the color by 10%, you get `221.1260, 2.4029, 22.6915`, and if you desaturate by 10%, it is `252.2660, -0.1311, -4.6183`.

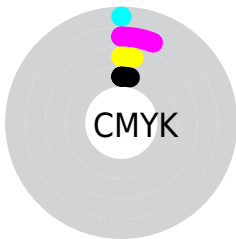
# Distribution



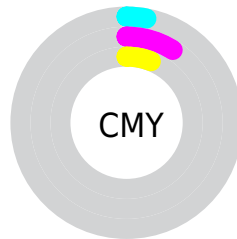
- Red (97%)
- Green (91%)
- Blue (94%)



- Red (97%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 237.2830, 0.8465, 8.5218 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 237.2830, 0.8465, 8.5218 by changing the saturation by 10% instead.




 237.2830, 0.8465,  
8.5218


 237.2830, 0.8465,  
8.5218


255.0000, 0.0000,  
0.0000


 208.9840, 0.9939,  
7.9070

 181.2830, 0.8465,  
8.5218

 154.8700, 0.5571,  
8.0070

 128.5710, 0.7045,  
7.3922

 103.5710, 0.7045,  
7.3922

 79.2720, 0.8519,  
6.7775

 56.2720, 0.8519,

6.7775

■ 34.9730, 0.9993,  
6.1627

■ 12.3970, 1.2833,  
8.4218

■ 237.2830, 0.8465,  
8.5218

■ 237.2830, 0.8465,  
8.5218

■ 221.1260, 2.4029,  
22.6915

■ 252.2660, -0.1311,  
-4.6183

■ 205.5560, 3.6699,  
36.3464

■ 252.6080, 1.1793,  
-4.9182

■ 189.2850, 4.7895,  
50.6161

■ 173.1280, 6.3459,  
64.7857

■ 157.5580, 7.6129,  
78.4406

■ 141.4010, 9.1693,  
92.6103

■ 125.2440, 10.7257,  
106.7800

■ 109.0870, 12.2821,  
120.9497

■ 93.4030, 13.1123,  
134.7046

# Harmonies

## Analogous

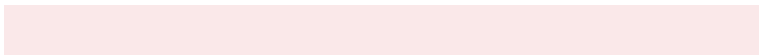
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7600, 4.0623, 3.7185



237.2830, 0.8465, 8.5218



237.4960, -2.2165, 10.9660

# Triad

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



237.2830, 0.8465, 8.5218



235.2300, -5.5364, 2.4293



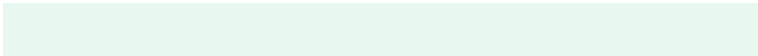
234.4870, 4.6899, -10.9511

# Complementary

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



237.2830, 0.8465, 8.5218



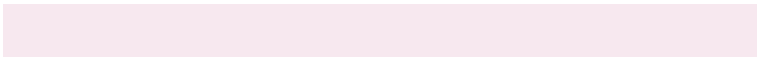
241.7170, -0.8465, -8.5218

# Split Complementary

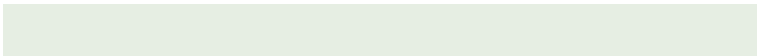
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.2050, 2.3639, -11.5808



237.2830, 0.8465, 8.5218



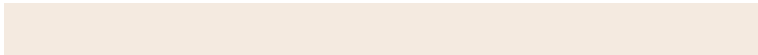
234.3540, -3.6255, -3.8185

# Square

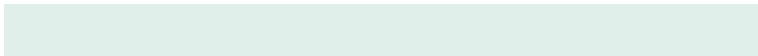
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



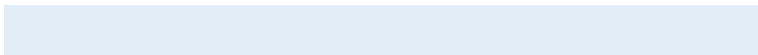
237.2830, 0.8465, 8.5218



235.8500, -5.8421, 7.1475



233.8310, -0.4097, -8.6218

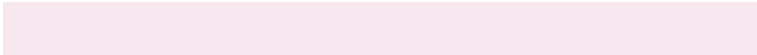


235.2640, 6.2788, -7.2475

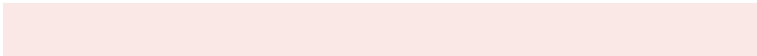


# Rectangle

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



237.2830, 0.8465, 8.5218



236.7410, -3.8163, 10.7511



233.8310, -0.4097, -8.6218



234.0740, 4.4005, -11.4659

# Sweetspot

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



237.2830, 0.8465, 8.5218



251.7230, 0.1366, 2.8739



236.1020, 5.3727, 3.4185



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

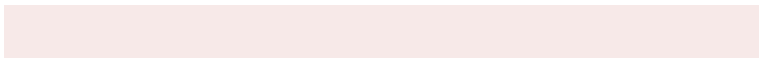
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.2830, 0.8465, 8.5218



243.2940, 0.8411, 10.2662



237.0720, -2.5005, 8.7069



116.1470, 0.4205, 5.1331



65.5320, 10.5837, 105.6504



20.7190, 3.0965, 33.5724



# Inverse Universe

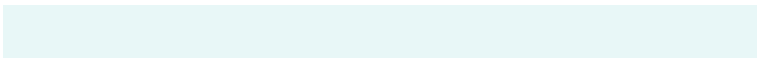
The Inverse Universe completely reimagines the original color for something new.



237.2830, 0.8465, 8.5218



243.2940, 0.8411, 10.2662



242.5150, 2.2111, -9.2217



116.1470, 0.4205, 5.1331



65.5320, 10.5837, 105.6504

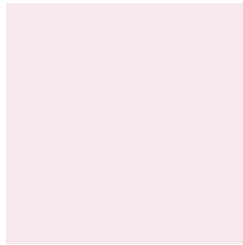


20.7190, 3.0965, 33.5724



# Previews

## White Background



This preview shows how the YUV color 237.2830, 0.8465, 8.5218 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

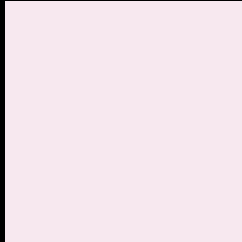
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 237.2830, 0.8465, 8.5218 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 237.2830, 0.8465, 8.5218

## Background



This preview shows how black text looks on a background with the YUV color 237.2830, 0.8465, 8.5218.



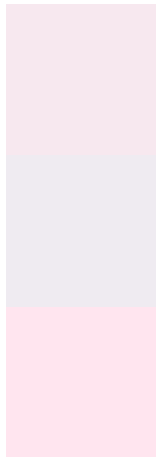
This preview shows how white text looks on a background with the YUV color 237.2830, 0.8465,

8.5218.

# 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

237.2830, 0.8465, 8.5218

### Protanopia

236.8800, 2.0312, 1.8592

### Deuteranopia

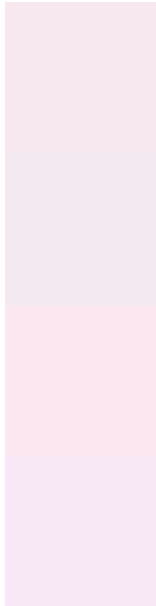
237.9140, 0.5354, 14.9844



## Tritanopia

237.5480, 5.6458, 9.1664

# Trichromacy



## Original Color

237.2830, 0.8465, 8.5218

## Protanomaly

237.0760, 1.4415, 4.3183

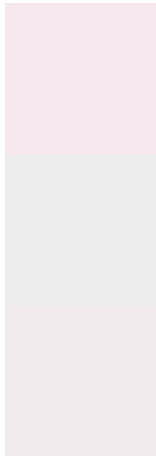
## Deuteranomaly

237.6040, 0.6882, 12.6253

## Tritanomaly

237.6790, 3.6093, 9.0515

# Monochromacy



## Original Color

237.2830, 0.8465, 8.5218

## Achromatopsia

237.0000, 0.0000, 0.0000

## Achromatomaly

237.1360, 0.4260, 3.3887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 237.2830, 0.8465, 8.5218 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(247, 232, 239)` looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 239)  
}
```

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(247, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 239) }
```

## Border

The CSS property to change the border of an element to YUV 237.2830, 0.8465, 8.5218 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(247, 232, 239) }
```



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

```
.border{ border-color:rgb(247, 232, 239) }
```

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

Here you see how a box with a 4 pixel rgb(247, 232, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 237.2830, 0.8465, 8.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 239) }
```

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

```
.background{ background-color: rgb(247,  
232, 239) }
```

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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