

# Converting Colors

YUV(233.5280, -0.7533, 8.3069)

Have a look what the booklet for  
YUV(233.5280, -0.7533, 8.3069)  
contains.

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# Color

**YUV(233.5280, -0.7533,  
8.3069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3E5E8
RGB	243, 229, 232
RGB Percent	95%, 90%, 91%
CMY	0.0471, 0.1020, 0.0902
CMYK	0.00, 0.06, 0.05, 0.05
HSL	347°, 37%, 93%
HSV	347°, 6%, 95%
XYZ	79.5469, 80.9195, 87.7704
YIQ	233.5280, 7.3810, 3.9010

# Conversions

## Conversions Part 2

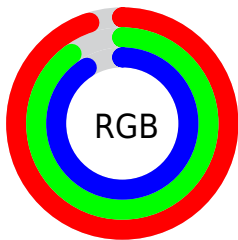
Format	Color
R <sub>Y</sub> B	243, 229, 232
Decimal	15984104
CIE Lab	92.10, 5.26, 0.24
CIE LCh	92, 5.267, 2.590
Yxy	80.9195, 0.3204, 0.3260
Android (android.graphics.Color)	4294174184 (0xFF3E5E8)
YUV	233.5280, -0.7533, 8.3069
Hunter-Lab	89.9553, 0.4248, 5.1188

# Details

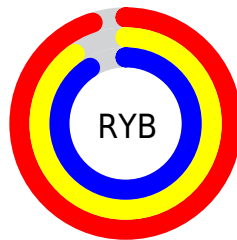
The YUV color  $233.5280, -0.7533, 8.3069$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $238.4720, 0.7533, -8.3069$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.1150, -1.0427, 7.7921$  is the 20% darker color. If you saturate the color by 10%, you get  $217.2740, -2.1071, 22.5617$ , and if you desaturate by 10%, it is  $249.7820, 0.6005, -5.9478$ .

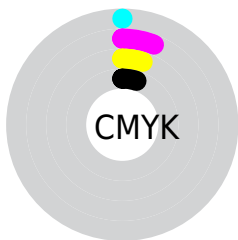
# Distribution



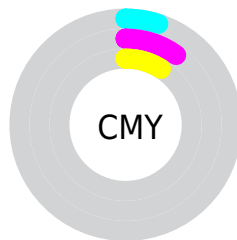
- Red (95%)
- Green (90%)
- Blue (91%)



- Red (95%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.5280, -0.7533, 8.3069 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 233.5280, -0.7533, 8.3069 by changing the saturation by 10% instead.




 233.5280, -0.7533,  
8.3069

 233.5280, -0.7533,  
8.3069


255.0000, 0.0000,  
0.0000


 205.5280, -0.7533,  
8.3069

 178.1150, -1.0427,  
7.7921

 151.2290, -0.6059,  
7.6922

 125.2290, -0.6059,  
7.6922

 99.9300, -0.4585,  
7.0774

 76.5170, -0.7479,  
6.5626

 53.6310, -0.3111,

6.4626

■ 32.2180, -0.6005,  
5.9478

■ 8.8270, -0.9007,  
8.9217

■ 233.5280, -0.7533,  
8.3069

■ 233.5280, -0.7533,  
8.3069

■ 217.2740, -2.1071,  
22.5617

■ 249.7820, 0.6005,  
-5.9478

■ 200.4330, -3.1715,  
37.3313

■ 251.4120, 1.7689,  
-7.3773

■ 184.1790, -4.5252,  
51.5860

■ 167.9250, -5.8790,  
65.8408

■ 151.0840, -6.9434,  
80.6103

■ 134.7160, -8.7340,  
94.9651

■ 118.4620,  
-10.0878, 109.2198

■ 102.2080,  
-11.4415, 123.4746

■ 85.3670, -12.5059,  
138.2441

# Harmonies

## Analogous

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



233.7880, 1.5835, 5.4479



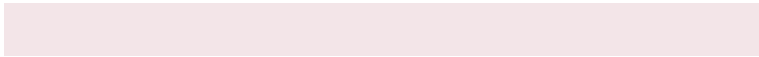
233.5280, -0.7533, 8.3069



233.2570, -3.0847, 9.4216

# Triad

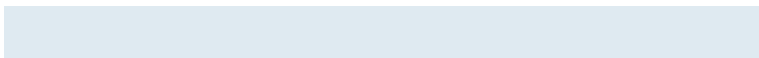
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5280, -0.7533, 8.3069



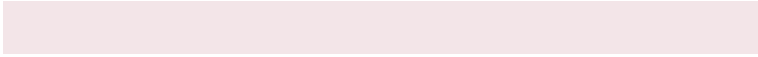
231.6640, -3.7784, -1.4593



231.5090, 4.6791, -7.4624

# Complementary

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



233.5280, -0.7533, 8.3069



238.4720, 0.7533, -8.3069

# Split Complementary

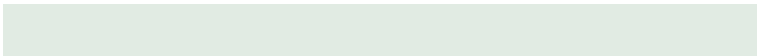
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.8570, 3.5215, -9.5216



233.5280, -0.7533, 8.3069



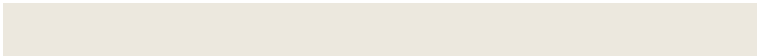
231.0980, -2.0203, -5.3479

# Square

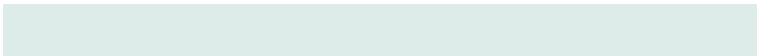
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.5280, -0.7533, 8.3069



232.0560, -4.9576, 3.4589



230.5860, 1.1901, -8.4069



232.5310, 4.6682, -3.9737

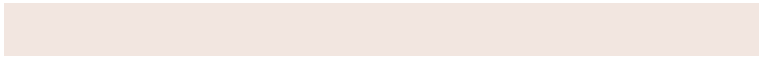


# Rectangle

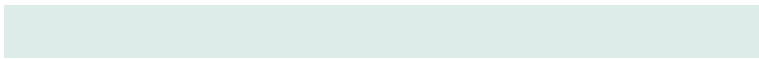
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.5280, -0.7533, 8.3069



232.9040, -4.3897, 7.9772



230.5860, 1.1901, -8.4069



231.6830, 4.1003, -8.4920

# Sweetspot

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



233.5280, -0.7533, 8.3069



251.6090, -0.3002, 2.9739



233.8850, 4.4937, 5.3629



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000

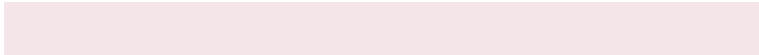


128.0000, 0.0000, 0.0000



# Same Dimension

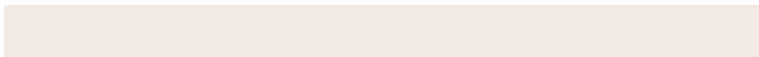
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5280, -0.7533, 8.3069



242.8380, -0.9061, 10.6661



235.5340, -3.2213, 6.5477



115.9190, -0.4531, 5.3330



60.1740, -9.9458, 110.3494



19.1230, -3.0186, 34.9721



# Inverse Universe

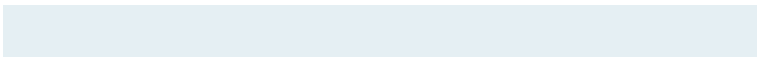
The Inverse Universe completely reimagines the original color for something new.



233.5280, -0.7533, 8.3069



242.8380, -0.9061, 10.6661



236.4660, 3.2213, -6.5477



115.9190, -0.4531, 5.3330



60.1740, -9.9458, 110.3494

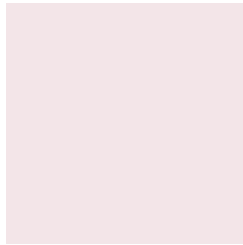


19.1230, -3.0186, 34.9721



# Previews

## White Background



This preview shows how the YUV color 233.5280, -0.7533, 8.3069 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

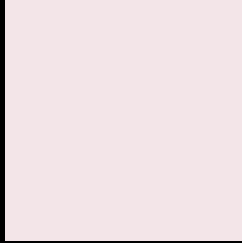
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.5280, -0.7533, 8.3069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

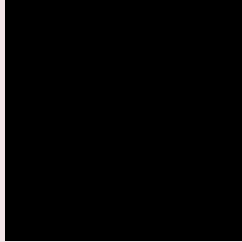
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

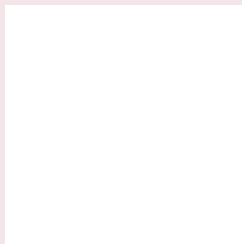
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 233.5280, -0.7533, 8.3069**

## **Background**



This preview shows how black text looks on a background with the YUV color 233.5280, -0.7533, 8.3069.



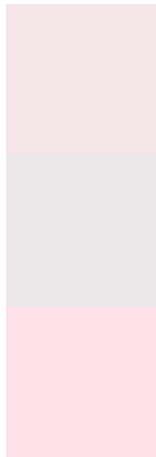
This preview shows how white text looks on a background with the YUV color 233.5280, -0.7533,

8.3069.

# 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

233.5280, -0.7533, 8.3069

### Protanopia

232.7230, 0.1366, 2.8739

### Deuteranopia

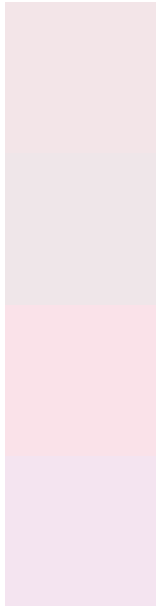
234.5830, -0.7804, 17.0287



## Tritanopia

234.4340, 5.2090, 9.2664

# Trichromacy



## Original Color

233.5280, -0.7533, 8.3069

## Protanomaly

233.0330, -0.0163, 5.2331

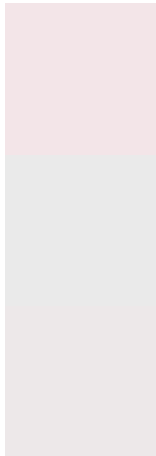
## Deuteranomaly

233.9740, -0.4802, 14.0548

## Tritanomaly

234.1520, 2.8831, 8.6367

# Monochromacy



## Original Color

233.5280, -0.7533, 8.3069

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.6090, -0.3002, 2.9739

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.5280, -0.7533, 8.3069 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(243, 229, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 232)  
}
```

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(243, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 232) }
```

## Border

The CSS property to change the border of an element to YUV 233.5280, -0.7533, 8.3069 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(243, 229, 232) }
```



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

```
.border{ border-color:rgb(243, 229, 232) }
```

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

Here you see how a box with a 4 pixel rgb(243, 229, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 233.5280, -0.7533, 8.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 232) }
```

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

```
.background{ background-color: rgb(243,  
229, 232) }
```

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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