

Converting Colors

YUV(233.0220, -0.0108, 3.4887)

Have a look what the booklet for
YUV(233.0220, -0.0108, 3.4887)
contains.

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Color

**YUV(233.0220, -0.0108,
3.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE7E9
RGB	237, 231, 233
RGB Percent	93%, 91%, 91%
CMY	0.0706, 0.0941, 0.0863
CMYK	0.00, 0.03, 0.02, 0.07
HSL	340°, 14%, 92%
HSV	340°, 3%, 93%
XYZ	78.2089, 81.0395, 88.6109
YIQ	233.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

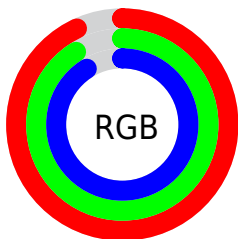
Format	Color
R _Y B	237, 231, 233
Decimal	15591401
CIE Lab	92.15, 2.37, -0.26
CIE LCh	92, 2.389, 353.702
Yxy	81.0395, 0.3155, 0.3270
Android (android.graphics.Color)	4293781481 (0xFFE7E9)
YUV	233.0220, -0.0108, 3.4887
Hunter-Lab	90.0220, -2.4619, 4.6547

Details

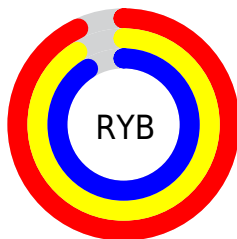
The YUV color $233.0220, -0.0108, 3.4887$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.9780, 0.0108, -3.4887$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.0220, -0.0108, 3.4887$ is the 20% darker color. If you saturate the color by 10%, you get $217.1100, -0.0542, 17.4435$, and if you desaturate by 10%, it is $248.9340, 0.0325, -10.4661$.

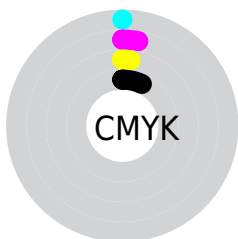
Distribution



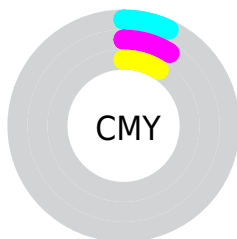
- Red (93%)
- Green (91%)
- Blue (91%)



- Red (93%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.0220, -0.0108, 3.4887 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 233.0220, -0.0108, 3.4887 by changing the saturation by 10% instead.

■ 233.0220, -0.0108,
3.4887

■ 233.0220, -0.0108,
3.4887

255.0000, 0.0000,
0.0000

■ 205.0220, -0.0108,
3.4887

■ 177.0220, -0.0108,
3.4887

■ 150.7230, 0.1366,
2.8739

■ 124.7230, 0.1366,
2.8739

■ 99.7230, 0.1366,
2.8739

■ 75.7230, 0.1366,
2.8739

■ 53.3100, -0.1528,

2.3591

■ 32.3100, -0.1528,
2.3591

■ 8.4350, 0.2785,
4.0035

■ 233.0220, -0.0108,
3.4887

■ 233.0220, -0.0108,
3.4887

■ 217.1100, -0.0542,
17.4435

■ 248.9340, 0.0325,
-10.4661

■ 201.7850, -0.3870,
30.8836

■ 249.6180, 2.6533,
-11.0660

■ 185.9870, 0.0064,
44.7384

■ 170.0750, -0.0370,
58.6932

■ 154.1630, -0.0804,
72.6480

■ 138.8380, -0.4131,
86.0881

■ 122.9260, -0.4565,
100.0429

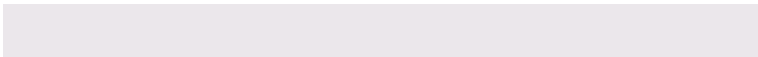
■ 107.1280, -0.0631,
113.8977

■ 91.8030, -0.3959,
127.3378

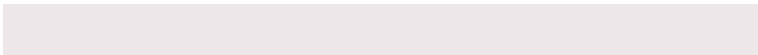
Harmonies

Analogous

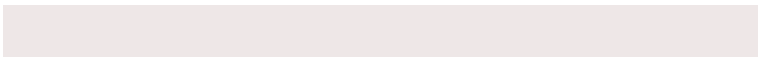
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.6520, 1.1576, 2.0592



233.0220, -0.0108, 3.4887



233.0930, -1.0318, 4.3034

Triad

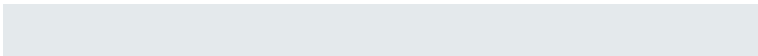
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.0220, -0.0108, 3.4887



232.1310, -2.0366, -0.1149



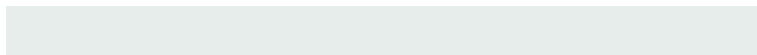
231.8470, 2.0474, -3.3738

Complementary

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



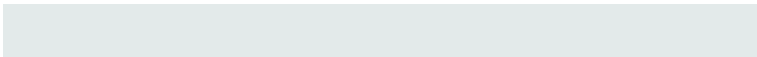
233.0220, -0.0108, 3.4887



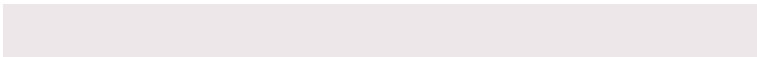
234.9780, 0.0108, -3.4887

Split Complementary

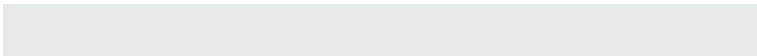
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.9070, 1.0318, -4.3034



233.0220, -0.0108, 3.4887



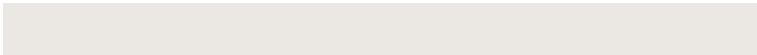
232.3480, -1.1576, -2.0592

Square

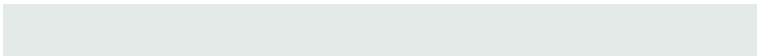
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



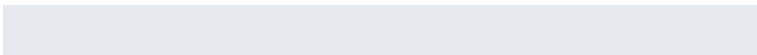
233.0220, -0.0108, 3.4887



232.4410, -2.1894, 2.2442



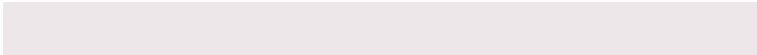
231.9780, 0.0108, -3.4887



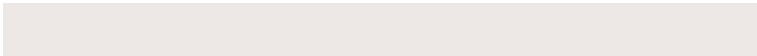
232.5590, 2.1894, -2.2442

Rectangle

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



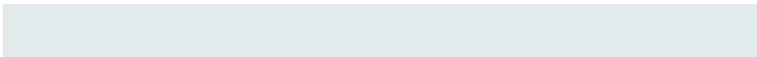
233.0220, -0.0108, 3.4887



232.5660, -1.7580, 3.8886



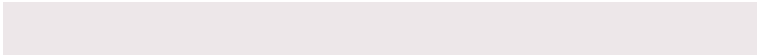
231.9780, 0.0108, -3.4887



232.0210, 1.4686, -4.4034

Sweetspot

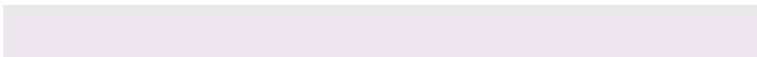
The Sweet Spot groups the original color and five complimentary colors.



233.0220, -0.0108, 3.4887



253.0110, -0.0054, 1.7444



232.8800, 2.0312, 1.8592



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000



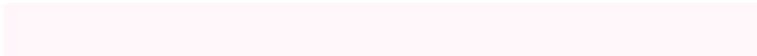
128.0000, 0.0000, 0.0000

Same Dimension

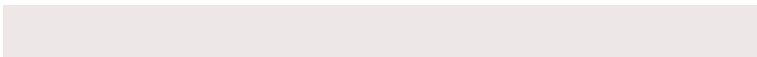
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.0220, -0.0108, 3.4887



249.7340, 0.1311, 4.6183



233.3810, -1.1738, 3.1739



114.3100, -0.1528, 2.3591



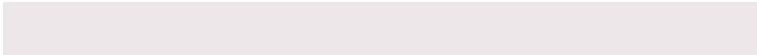
60.9590, -0.4728, 105.2760



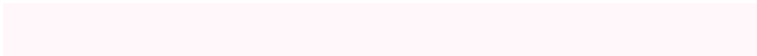
18.1980, -0.0976, 31.3984

Inverse Universe

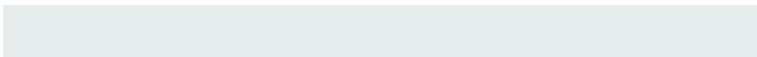
The Inverse Universe completely reimagines the original color for something new.



233.0220, -0.0108, 3.4887



249.7340, 0.1311, 4.6183



234.6190, 1.1738, -3.1739



114.3100, -0.1528, 2.3591



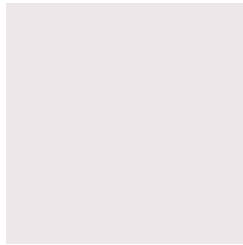
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 233.0220, -0.0108, 3.4887 looks on a white background.

Color Contrast Check

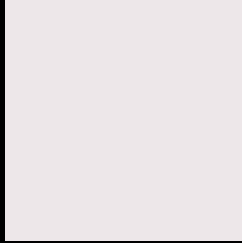
Large Text (above 18pt) WCAG AA × Fail

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 233.0220, -0.0108, 3.4887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

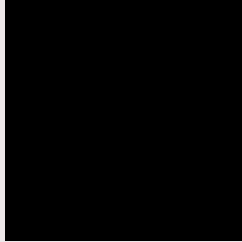
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

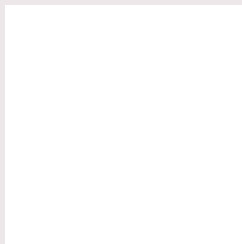
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.0220, -0.0108, 3.4887

Background



This preview shows how black text looks on a background with the YUV color 233.0220, -0.0108, 3.4887.



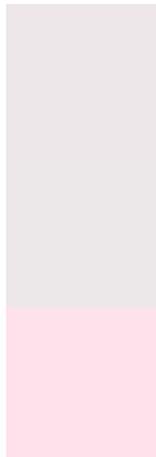
This preview shows how white text looks on a background with the YUV color 233.0220, -0.0108,

3.4887.

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

233.0220, -0.0108, 3.4887

Protanopia

232.7230, 0.1366, 2.8739

Deuteranopia

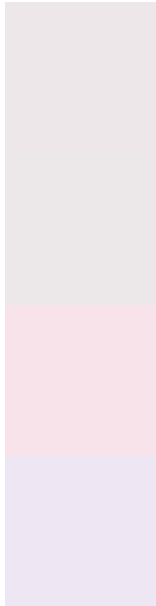
234.6970, -0.3436, 16.9287



Tritanopia

234.0420, 6.3883, 4.3482

Trichromacy



Original Color

233.0220, -0.0108, 3.4887

Protanomaly

232.7230, 0.1366, 2.8739

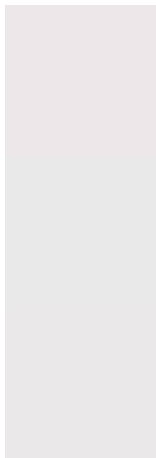
Deuteranomaly

234.0770, -0.0380, 12.2105

Tritanomaly

233.7600, 4.0623, 3.7185

Monochromacy



Original Color

233.0220, -0.0108, 3.4887

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7120, 0.1420, 1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.0220, -0.0108, 3.4887 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(237, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 233)  
}
```

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(237, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 233) }
```

Border

The CSS property to change the border of an element to YUV 233.0220, -0.0108, 3.4887 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(237, 231, 233) }
```


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

```
.border{ border-color:rgb(237, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 231,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 233.0220, -0.0108, 3.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 233) }
```

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

```
.background{ background-color: rgb(237,  
231, 233) }
```

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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