

Converting Colors

YUV(236.8880, -3.3958,
15.8842)

Have a look what the booklet for
YUV(236.8880, -3.3958, 15.8842)
contains.

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Color

**YUV(236.8880, -3.3958,
15.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E6
RGB	255, 229, 230
RGB Percent	100%, 90%, 90%
CMY	0.0000, 0.1020, 0.0980
CMYK	0.00, 0.10, 0.10, 0.00
HSL	358°, 100%, 95%
HSV	358°, 10%, 100%
XYZ	83.5422, 83.0118, 86.4826
YIQ	236.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 229, 230
Decimal	16770534
CIE Lab	93.02, 9.04, 2.75
CIE LCh	93, 9.448, 16.893
Yxy	83.0118, 0.3302, 0.3281
Android (android.graphics.Color)	4294960614 (0xFFFE5E6)
YUV	236.8880, -3.3958, 15.8842
Hunter-Lab	91.1108, 4.2281, 7.4993

Details

The YUV color $236.8880, -3.3958, 15.8842$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.1120, 3.3958, -15.8842$, 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 $181.2900, -3.1010, 14.6547$ is the 20% darker color. If you saturate the color by 10%, you get $219.3630, -7.0810, 31.2536$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

Distribution



Red (100%)

Green (90%)

Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)



Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.8880, -3.3958, 15.8842 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 236.8880, -3.3958, 15.8842 by changing the saturation by 10% instead.

 236.8880, -3.3958,
15.8842


 236.8880, -3.3958,
15.8842

255.0000, 0.0000,
0.0000


 208.5890, -3.2484,
15.2694

 181.2900, -3.1010,
14.6547

 154.2900, -3.1010,
14.6547

 127.9910, -2.9536,
14.0399

 102.6920, -2.8062,
13.4251

 79.0940, -2.5113,
12.1956

 56.0940, -2.5113,

12.1956

■ 34.4960, -2.2165,
10.9660

■ 11.2900, -3.1010,
14.6547

■ 236.8880, -3.3958,
15.8842

■ 236.8880, -3.3958,
15.8842

■ 219.3630, -7.0810,
31.2536

255.0000, 0.0000,
0.0000

■ 201.3650,
-10.0399, 47.0379

■ 183.8400,
-13.7251, 62.4073

■ 165.8420,
-16.6841, 78.1916

■ 148.3170,
-20.3693, 93.5610

■ 130.3190,
-23.3283, 109.3452

■ 112.7940,
-27.0134, 124.7147

■ 94.7960, -29.9724,
140.4989

■ 77.3850, -33.2208,
155.7684

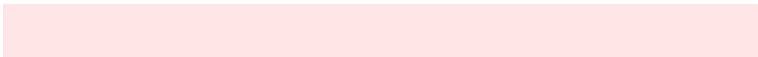
Harmonies

Analogous

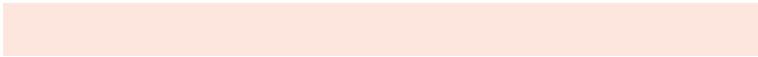
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7180, 1.1250, 12.5253



236.8880, -3.3958, 15.8842



235.9650, -6.8847, 14.9397

Triad

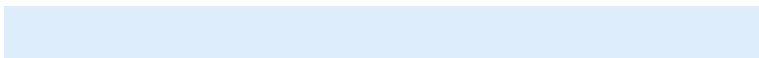
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.8880, -3.3958, 15.8842



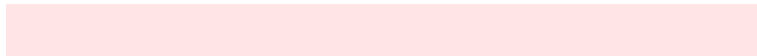
233.1750, -5.5093, -6.2925



233.9260, 8.9105, -11.3361

Complementary

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



236.8880, -3.3958, 15.8842



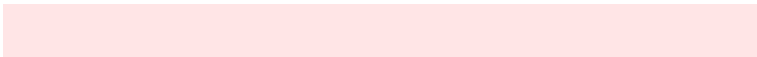
247.1120, 3.3958, -15.8842

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.



232.5510, 7.6164, -16.2692



236.8880, -3.3958, 15.8842



232.2820, -1.1250, -12.5253

Square

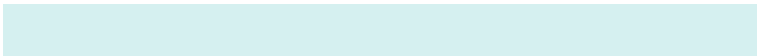
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.8880, -3.3958, 15.8842



234.2470, -8.0098, 2.4144



231.9270, 3.9800, -16.5990



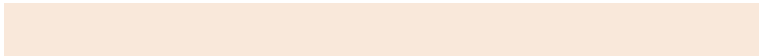
235.4540, 8.1572, -3.0292

Rectangle

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



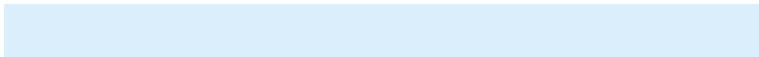
236.8880, -3.3958, 15.8842



235.4870, -8.6211, 11.8509



231.9270, 3.9800, -16.5990



233.5020, 8.6265, -13.5953

Sweetspot

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



236.8880, -3.3958, 15.8842



249.5060, -0.7425, 4.8182



239.4390, 7.6716, 12.7700



123.9080, -0.4476, 3.5887



0.0000, 0.0000, 0.0000



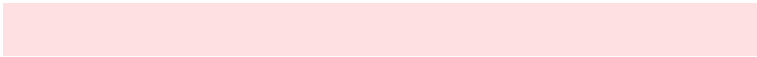
128.0000, 0.0000, 0.0000

Same Dimension

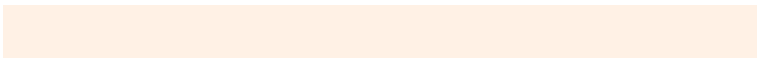
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.8880, -3.3958, 15.8842



233.4970, -3.6960, 18.8581



243.8180, -7.3053, 9.8066



118.8870, -1.9163, 7.9921



57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Inverse Universe

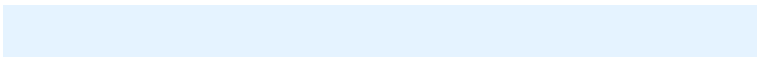
The Inverse Universe completely reimagines the original color for something new.



236.8880, -3.3958, 15.8842



233.4970, -3.6960, 18.8581



240.1820, 7.3053, -9.8066



118.8870, -1.9163, 7.9921



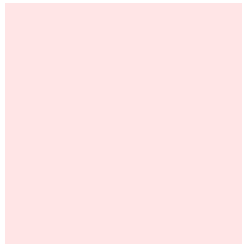
57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 236.8880, -3.3958, 15.8842 looks on a white background.

Color Contrast Check

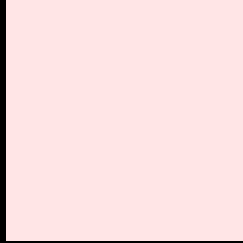
Large Text (above 18pt) WCAG AA × Fail

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 236.8880, -3.3958, 15.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

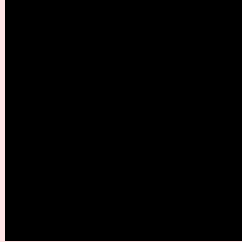
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

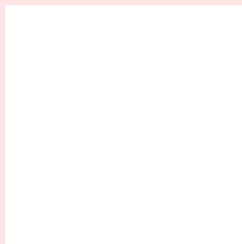
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.8880, -3.3958, 15.8842

Background



This preview shows how black text looks on a background with the YUV color 236.8880, -3.3958, 15.8842.



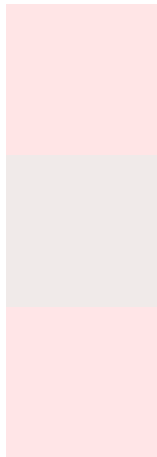
This preview shows how white text looks on a background with the YUV color 236.8880, -3.3958,

15.8842.

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

236.8880, -3.3958, 15.8842

Protanopia

235.6800, -1.3212, 3.7886

Deuteranopia

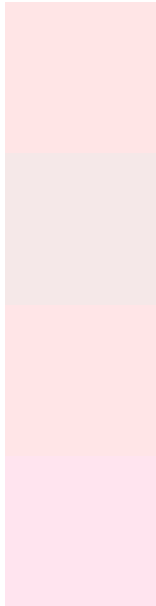
237.0020, -2.9590, 15.7842



Tritanopia

237.8970, 3.0088, 14.9993

Trichromacy



Original Color

236.8880, -3.3958, 15.8842

Protanomaly

235.8870, -1.9163, 7.9921

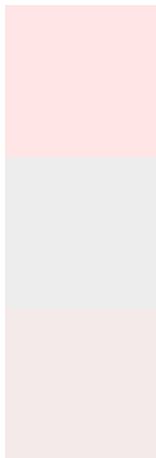
Deuteranomaly

237.0020, -2.9590, 15.7842

Tritanomaly

237.3270, 0.8248, 15.4992

Monochromacy



Original Color

236.8880, -3.3958, 15.8842

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.8880, -3.3958, 15.8842 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(255, 229, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 230)  
}
```

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(255, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 230) }
```

Border

The CSS property to change the border of an element to YUV 236.8880, -3.3958, 15.8842 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(255, 229, 230) }
```


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

```
.border{ border-color:rgb(255, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 236.8880, -3.3958, 15.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 230) }
```

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

```
.background{ background-color: rgb(255,  
229, 230) }
```

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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