

Converting Colors

YUV(233.9800, -2.9481,
12.2955)

Have a look what the booklet for
YUV(233.9800, -2.9481, 12.2955)
contains.

YUV(233.9800, -2.9481, 12.2955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(233.9800, -2.9481,
12.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E4E4
RGB	248, 228, 228
RGB Percent	97%, 89%, 89%
CMY	0.0275, 0.1059, 0.1059
CMYK	0.00, 0.08, 0.08, 0.03
HSL	0°, 59%, 93%
HSV	0°, 8%, 97%
XYZ	80.4584, 81.0447, 84.8014
YIQ	233.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

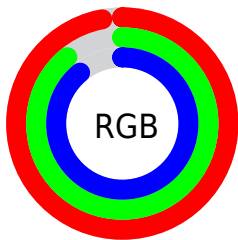
Format	Color
R _Y B	248, 228, 228
Decimal	16311524
CIE Lab	92.15, 6.81, 2.46
CIE LCh	92, 7.244, 19.827
Yxy	81.0447, 0.3267, 0.3290
Android (android.graphics.Color)	4294501604 (0xFFFF8E4E4)
YUV	233.9800, -2.9481, 12.2955
Hunter-Lab	90.0248, 1.9883, 7.1675

Details

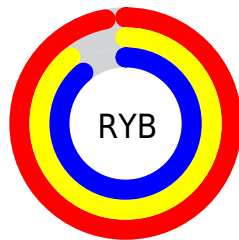
The YUV color $233.9800, -2.9481, 12.2955$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.0200, 2.9481, -12.2955$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.6810, -2.8007, 11.6808$ is the 20% darker color. If you saturate the color by 10%, you get $216.4550, -6.6333, 27.6650$, and if you desaturate by 10%, it is $251.5050, 0.7370, -3.0739$.

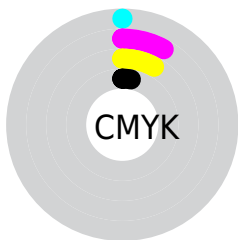
Distribution



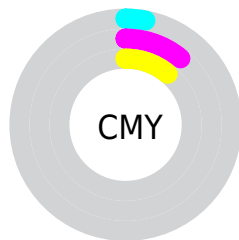
- Red (97%)
- Green (89%)
- Blue (89%)



- Red (97%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9800, -2.9481, 12.2955 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 233.9800, -2.9481, 12.2955 by changing the saturation by 10% instead.

233.9800, -2.9481,
12.2955

233.9800, -2.9481,
12.2955

255.0000, 0.0000,
0.0000

205.6810, -2.8007,
11.6808

178.6810, -2.8007,
11.6808

151.3820, -2.6533,
11.0660

125.3820, -2.6533,
11.0660

100.7840, -2.3585,
9.8364

76.7840, -2.3585,
9.8364

53.5990, -1.7743,

9.1217

■ 32.3000, -1.6269,
8.5069

■ 8.2790, -3.0955,
12.9103

■ 233.9800, -2.9481,
12.2955

■ 233.9800, -2.9481,
12.2955

■ 216.4550, -6.6333,
27.6650

■ 251.5050, 0.7370,
-3.0739

■ 198.9300,
-10.3185, 43.0344

■ 252.9070, 1.0318,
-4.3034

■ 182.1060,
-13.8563, 57.7890

■ 164.5810,
-17.5414, 73.1585

■ 147.0560,
-21.2266, 88.5279

■ 129.5310,
-24.9118, 103.8973

■ 112.0060,
-28.5970, 119.2667

■ 95.1820, -32.1347,
134.0214

■ 77.6570, -35.8199,
149.3908

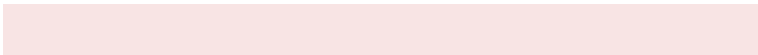
Harmonies

Analogous

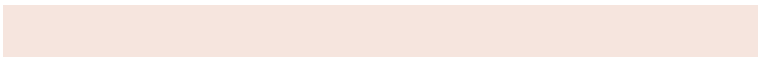
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.1800, 0.4043, 10.3661



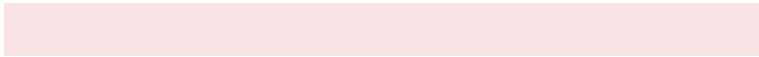
233.9800, -2.9481, 12.2955



233.2850, -5.5635, 11.1511

Triad

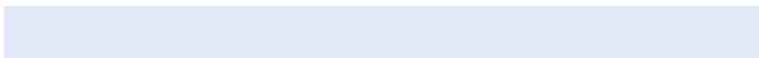
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.9800, -2.9481, 12.2955



230.6420, -3.7675, -4.9480



232.0790, 6.8631, -7.9623

Complementary

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



233.9800, -2.9481, 12.2955



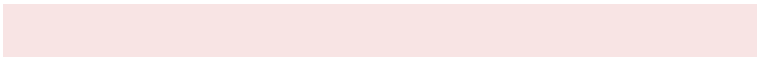
242.0200, 2.9481, -12.2955

Split Complementary

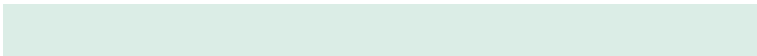
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.1170, 5.8583, -12.3806



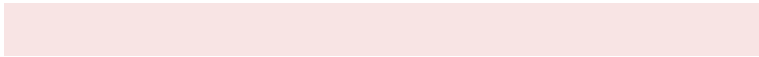
233.9800, -2.9481, 12.2955



230.8200, -0.4043, -10.3661

Square

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



233.9800, -2.9481, 12.2955



231.4040, -6.1152, 1.3997



230.7210, 3.0955, -12.9103



232.5960, 6.1152, -1.3997

Rectangle

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



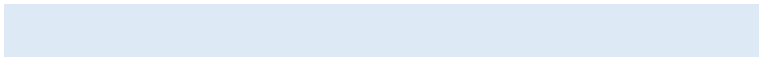
233.9800, -2.9481, 12.2955



232.7470, -6.2843, 8.9919



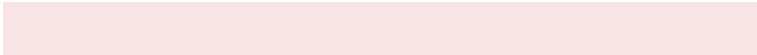
230.7210, 3.0955, -12.9103



231.3670, 6.7211, -9.0919

Sweetspot

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



233.9800, -2.9481, 12.2955



251.4950, -0.7370, 3.0739



236.2600, 5.7878, 10.2960



125.8970, -0.4422, 1.8443



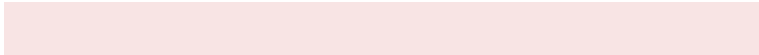
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

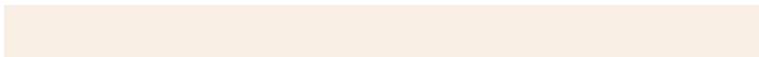
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.9800, -2.9481, 12.2955



237.4750, -3.6852, 15.3694



239.8500, -5.8420, 7.1476



115.8870, -1.9163, 7.9921



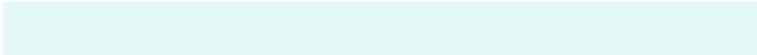
56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

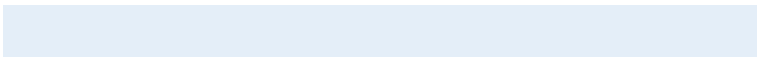
The Inverse Universe completely reimagines the original color for something new.



242.0200, 2.9481, -12.2955



247.5250, 3.6852, -15.3694



236.1500, 5.8421, -7.1475



121.1130, 1.9163, -7.9921



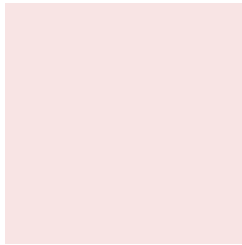
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 233.9800, -2.9481, 12.2955 looks on a white background.

Color Contrast Check

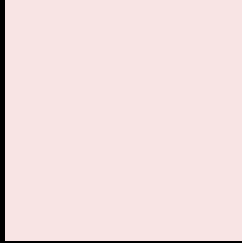
Large Text (above 18pt) WCAG AA × Fail

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 233.9800, -2.9481, 12.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

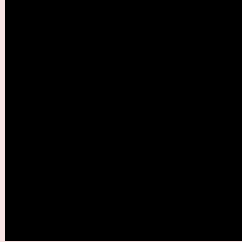
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

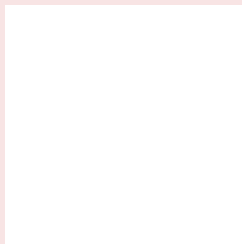
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.9800, -2.9481, 12.2955

Background



This preview shows how black text looks on a background with the YUV color 233.9800, -2.9481, 12.2955.

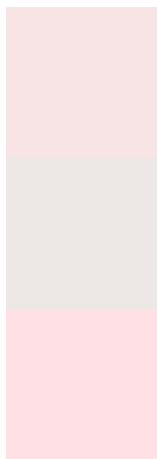


This preview shows how white text looks on a background with the YUV color 233.9800, -2.9481,

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

233.9800, -2.9481, 12.2955

Protanopia

232.6800, -1.3212, 3.7886

Deuteranopia

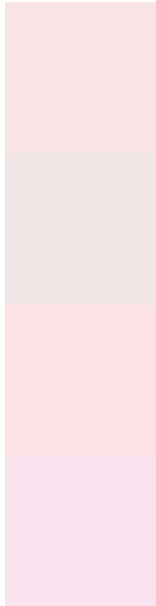
234.4260, -2.6750, 18.0434



Tritanopia

235.1140, 3.8878, 13.0550

Trichromacy



Original Color

233.9800, -2.9481, 12.2955

Protanomaly

233.1750, -2.0583, 6.8625

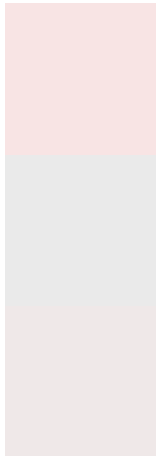
Deuteranomaly

234.1160, -2.5222, 15.6843

Tritanomaly

234.8320, 1.5618, 12.4253

Monochromacy



Original Color

233.9800, -2.9481, 12.2955

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9800, -2.9481, 12.2955 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(248, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 228)  
}
```

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(248, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 228) }
```

Border

The CSS property to change the border of an element to YUV 233.9800, -2.9481, 12.2955 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(248, 228, 228) }
```


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

```
.border{ border-color:rgb(248, 228, 228) }
```

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

Here you see how a box with a 4 pixel rgb(248, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 233.9800, -2.9481, 12.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 228) }
```

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

```
.background{ background-color: rgb(248,  
228, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor