

Converting Colors

YUV(238.8810, -2.8993, -3.4036)

Have a look what the booklet for
YUV(238.8810, -2.8993, -3.4036)
contains.

YUV(238.8810, -2.8993, -3.4036)	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(238.8810, -2.8993,
-3.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF2E9
RGB	235, 242, 233
RGB Percent	92%, 95%, 91%
CMY	0.0784, 0.0510, 0.0863
CMYK	0.03, 0.00, 0.04, 0.05
HSL	107°, 26%, 93%
HSV	107°, 4%, 95%
XYZ	80.7211, 87.0496, 89.6386
YIQ	238.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

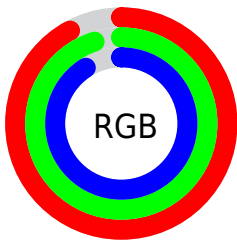
Format	Color
R _Y B	233, 242, 240
Decimal	15463145
CIE Lab	94.76, -3.91, 3.52
CIE LCh	95, 5.261, 138.024
Yxy	87.0496, 0.3136, 0.3382
Android (android.graphics.Color)	4293653225 (0xFFEBF2E9)
YUV	238.8810, -2.8993, -3.4036
Hunter-Lab	93.3004, -8.8421, 8.3472

Details

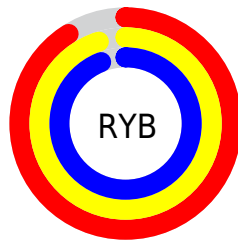
The YUV color **238.8810, -2.8993, -3.4036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236.1190, 2.8993, 3.4036**, and the grayscale version is **239.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **182.8810, -2.8993, -3.4036** is the 20% darker color. If you saturate the color by 10%, you get **230.4640, -10.5818, -12.6849**, and if you desaturate by 10%, it is **247.0700, 3.9095, 6.0776**.

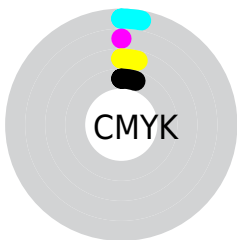
Distribution



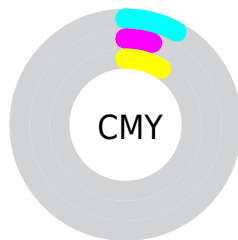
- Red (92%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.8810, -2.8993, -3.4036 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 238.8810, -2.8993, -3.4036 by changing the saturation by 10% instead.

■ 238.8810, -2.8993,
-3.4036

■ 238.8810, -2.8993,
-3.4036

255.0000, 0.0000,
0.0000

■ 210.8810, -2.8993,
-3.4036

■ 182.8810, -2.8993,
-3.4036

■ 156.2940, -2.6099,
-2.8888

■ 130.2940, -2.6099,
-2.8888

■ 105.2940, -2.6099,
-2.8888

■ 80.7070, -2.3206,
-2.3740

■ 57.7070, -2.3206,

-2.3740

■ 36.4080, -2.1731,
-2.9888

■ 14.8810, -2.8993,
-3.4036

■ 238.8810, -2.8993,
-3.4036

■ 238.8810, -2.8993,
-3.4036

■ 230.4640,
-10.5818, -12.6849

■ 247.0700, 3.9095,
6.0776

■ 222.0470,
-18.2642, -21.9662

■ 247.3690, 3.7621,
6.6924

■ 213.8150,
-26.5308, -30.5328

■ 205.3980,
-34.2132, -39.8140

■ 196.9810,
-41.8956, -49.0953

■ 188.5640,
-49.5781, -58.3766

■ 180.1470,
-57.2605, -67.6579

■ 171.6160,
-65.3797, -76.8392

■ 163.4980,
-73.2095, -85.5057

Harmonies

Analogous

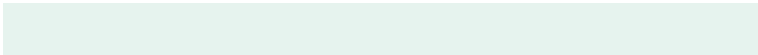
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7460, -4.8048, 1.0998



238.8810, -2.8993, -3.4036



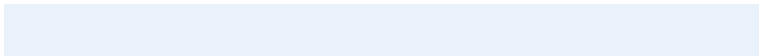
238.5430, -0.2677, -7.4922

Triad

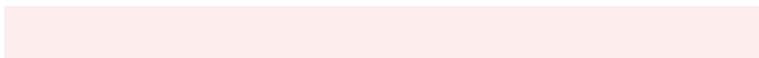
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.8810, -2.8993, -3.4036



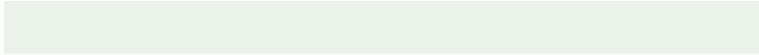
239.6340, 5.1104, -5.8180



241.1860, -2.0637, 8.6069

Complementary

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



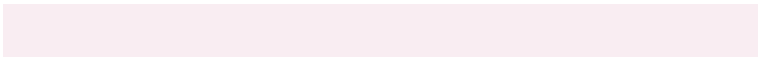
238.8810, -2.8993, -3.4036



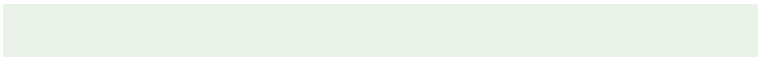
236.1190, 2.8993, 3.4036

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.



241.1580, 0.4151, 6.8774



238.8810, -2.8993, -3.4036



240.2540, 4.8048, -1.0998

Square

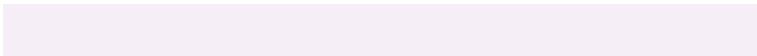
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



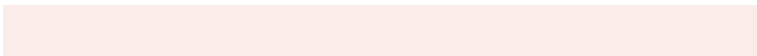
238.8810, -2.8993, -3.4036



238.6830, 4.1003, -8.4920



241.1190, 2.8993, 3.4036



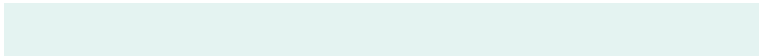
240.4310, -3.6635, 8.3920

Rectangle

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



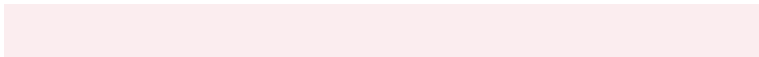
238.8810, -2.8993, -3.4036



238.2870, 1.3375, -9.0217



241.1190, 2.8993, 3.4036



241.4140, -1.1901, 8.4069

Sweetspot

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



238.8810, -2.8993, -3.4036



254.0600, -1.0156, -0.9296



239.8000, -3.3524, 1.9294



127.4730, -0.7262, -0.4148



0.0000, 0.0000, 0.0000



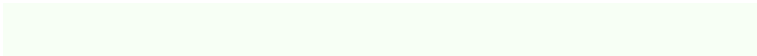
128.0000, 0.0000, 0.0000

Same Dimension

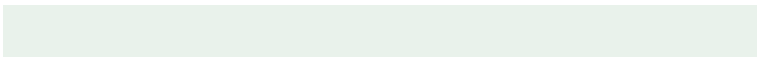
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.8810, -2.8993, -3.4036



251.4680, -3.1887, -3.9184



238.5110, -1.7309, -4.8331



117.8210, -1.8838, -2.4740



120.2670, -59.2916, -69.5172



36.4600, -17.9748, -21.4514

Inverse Universe

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



236.1190, 2.8993, 3.4036



248.5320, 3.1887, 3.9184



236.4890, 1.7309, 4.8331



116.1790, 1.8838, 2.4740



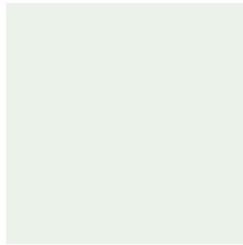
63.7330, 59.2916, 69.5172



19.5400, 17.9748, 21.4514

Previews

White Background



This preview shows how the YUV color 238.8810, -2.8993, -3.4036 looks on a white background.

Color Contrast Check

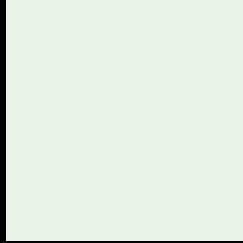
Large Text (above 18pt) WCAG AA × Fail

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 238.8810, -2.8993, -3.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

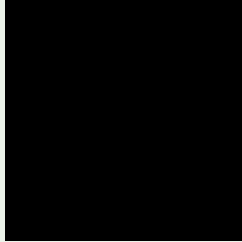
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

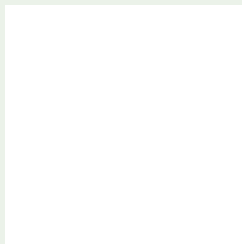
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.8810, -2.8993, -3.4036

Background



This preview shows how black text looks on a background with the YUV color 238.8810, -2.8993, -3.4036.



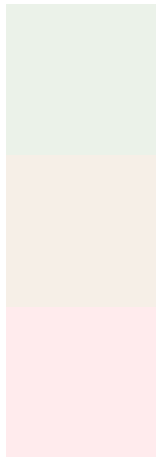
This preview shows how white text looks on a background with the YUV color 238.8810, -2.8993,

-3.4036.

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

238.8810, -2.8993, -3.4036

Protanopia

240.1810, -4.5262, 5.1033

Deuteranopia

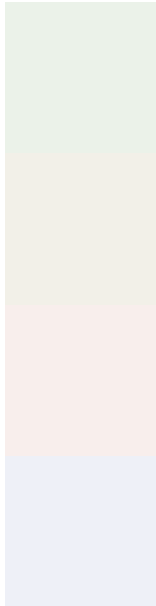
241.2080, -2.0745, 12.0956



Tritanopia

240.8240, 6.9888, -1.5996

Trichromacy



Original Color

238.8810, -2.8993, -3.4036

Protanomaly

239.6860, -3.7892, 2.0294

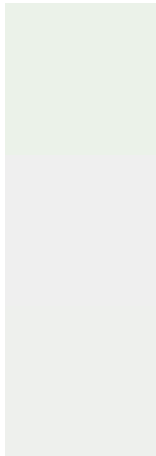
Deuteranomaly

240.7620, -2.3477, 6.3477

Tritanomaly

240.2000, 3.3524, -1.9294

Monochromacy



Original Color

238.8810, -2.8993, -3.4036

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

239.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.8810, -2.8993, -3.4036 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(235, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 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(235, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 233) }
```

Border

The CSS property to change the border of an element to YUV 238.8810, -2.8993, -3.4036 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(235, 242, 233) }
```


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

```
.border{ border-color:rgb(235, 242, 233) }
```

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

Here you see how a box with a 4 pixel rgb(235, 242, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 238.8810, -2.8993, -3.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 233) }
```

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

```
.background{ background-color: rgb(235,  
242, 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](#).

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