

Converting Colors

YUV(238.7840, -2.3585, 9.8364)

Have a look what the booklet for
YUV(238.7840, -2.3585, 9.8364)
contains.

YUV(238.7840, -2.3585, 9.8364)	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(238.7840, -2.3585,
9.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEAEA
RGB	250, 234, 234
RGB Percent	98%, 92%, 92%
CMY	0.0196, 0.0824, 0.0824
CMYK	0.00, 0.06, 0.06, 0.02
HSL	0°, 62%, 95%
HSV	0°, 6%, 98%
XYZ	83.6984, 85.1101, 89.8584
YIQ	238.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

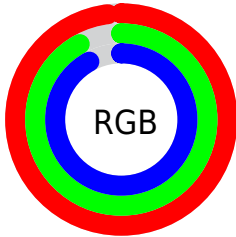
Format	Color
R _Y B	250, 234, 234
Decimal	16444138
CIE Lab	93.93, 5.41, 1.94
CIE LCh	94, 5.748, 19.690
Yxy	85.1101, 0.3236, 0.3290
Android (android.graphics.Color)	4294634218 (0xFFFAEAEA)
YUV	238.7840, -2.3585, 9.8364
Hunter-Lab	92.2552, 0.4975, 6.8289

Details

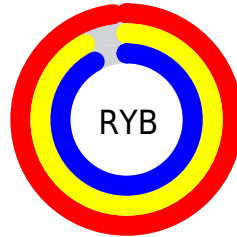
The YUV color $238.7840, -2.3585, 9.8364$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.2160, 2.3585, -9.8364$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.4850, -2.2111, 9.2217$ is the 20% darker color. If you saturate the color by 10%, you get $221.2590, -6.0437, 25.2059$, and if you desaturate by 10%, it is $253.5050, 0.7370, -3.0739$.

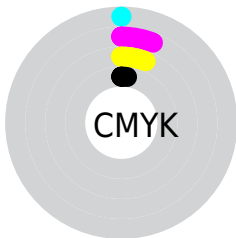
Distribution



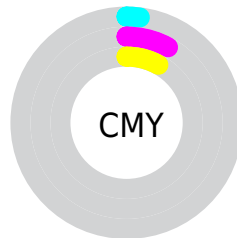
- Red (98%)
- Green (92%)
- Blue (92%)



- Red (98%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.7840, -2.3585, 9.8364 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 238.7840, -2.3585, 9.8364 by changing the saturation by 10% instead.


 238.7840, -2.3585,
9.8364


 238.7840, -2.3585,
9.8364

255.0000, 0.0000,
0.0000


 210.4850, -2.2111,
9.2217


 182.4850, -2.2111,
9.2217

 156.1860, -2.0637,
8.6069

 130.1860, -2.0637,
8.6069

 104.8870, -1.9163,
7.9921

 80.8870, -1.9163,
7.9921

 57.5880, -1.7689,

7.3773

■ 36.2890, -1.6215,
6.7625

■ 14.1860, -2.0637,
8.6069

■ 238.7840, -2.3585,
9.8364

■ 238.7840, -2.3585,
9.8364

■ 221.2590, -6.0437,
25.2059

■ 253.5050, 0.7370,
-3.0739

■ 203.7340, -9.7289,
40.5753

■ 186.2090,
-13.4140, 55.9447

■ 168.6840,
-17.0992, 71.3141

■ 151.1590,
-20.7844, 86.6836

■ 133.6340,
-24.4696, 102.0530

■ 116.1090,
-28.1547, 117.4224

■ 98.5840, -31.8399,
132.7918

■ 81.0590, -35.5251,
148.1613

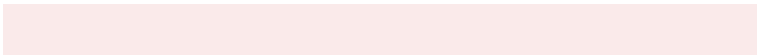
Harmonies

Analogous

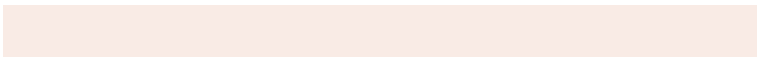
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.8700, 0.5571, 8.0070



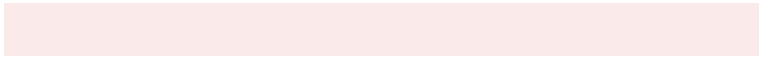
238.7840, -2.3585, 9.8364



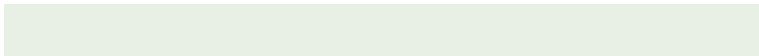
238.5020, -4.6845, 9.2067

Triad

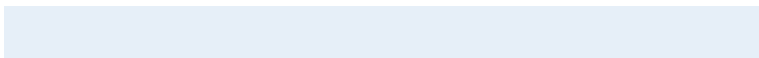
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7840, -2.3585, 9.8364



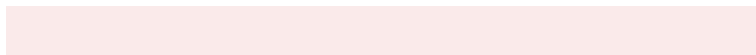
236.4680, -3.1887, -3.9184



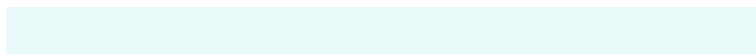
237.3350, 5.2578, -6.4328

Complementary

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



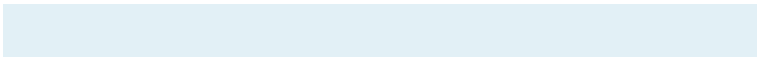
238.7840, -2.3585, 9.8364



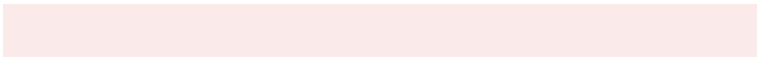
245.2160, 2.3585, -9.8364

Split Complementary

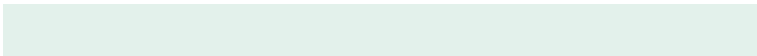
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.4980, 4.6845, -9.2067



238.7840, -2.3585, 9.8364



236.1300, -0.5571, -8.0070

Square

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



238.7840, -2.3585, 9.8364



236.7460, -4.8048, 1.0998



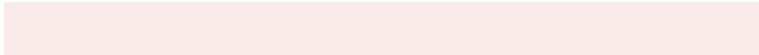
235.9170, 2.5059, -10.4512



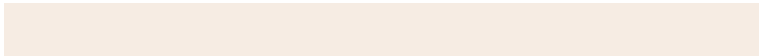
237.9550, 4.9522, -1.7145

Rectangle

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



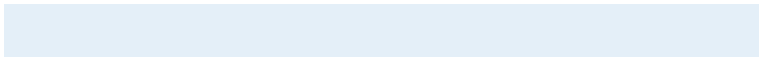
238.7840, -2.3585, 9.8364



237.9640, -5.4053, 7.0476



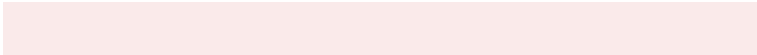
235.9170, 2.5059, -10.4512



236.7370, 5.5527, -7.6623

Sweetspot

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



238.7840, -2.3585, 9.8364



251.4950, -0.7370, 3.0739



240.6080, 4.6303, 8.2368



125.8970, -0.4422, 1.8443



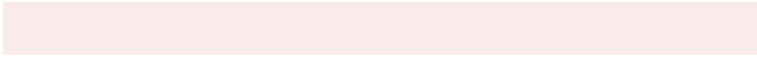
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

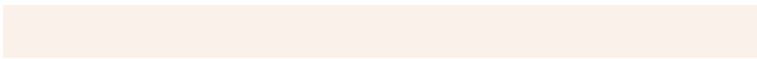
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.7840, -2.3585, 9.8364



240.9800, -2.9481, 12.2955



243.4800, -4.6736, 5.7180



115.8870, -1.9163, 7.9921



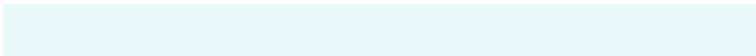
56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

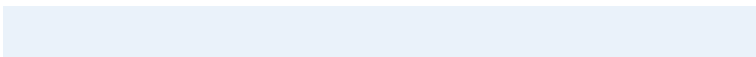
The Inverse Universe completely reimagines the original color for something new.



245.2160, 2.3585, -9.8364



249.0200, 2.9481, -12.2955



240.5200, 4.6736, -5.7180



121.1130, 1.9163, -7.9921



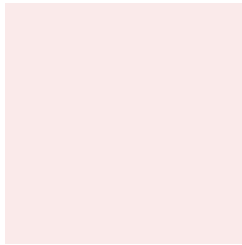
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 238.7840, -2.3585, 9.8364 looks on a white background.

Color Contrast Check

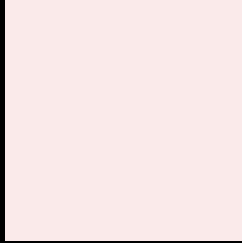
Large Text (above 18pt) WCAG AA × Fail

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 238.7840, -2.3585, 9.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

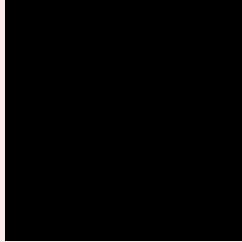
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

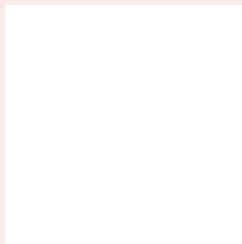
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.7840, -2.3585, 9.8364

Background



This preview shows how black text looks on a background with the YUV color 238.7840, -2.3585, 9.8364.



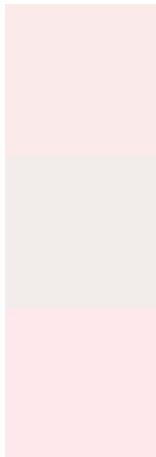
This preview shows how white text looks on a background with the YUV color 238.7840, -2.3585,

9.8364.

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

238.7840, -2.3585, 9.8364

Protanopia

237.6800, -1.3212, 3.7886

Deuteranopia

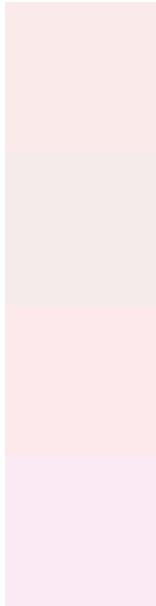
239.3330, -1.6432, 13.7400



Tritanopia

240.0320, 4.9142, 10.4959

Trichromacy



Original Color

238.7840, -2.3585, 9.8364

Protanomaly

237.9900, -1.4741, 6.1478

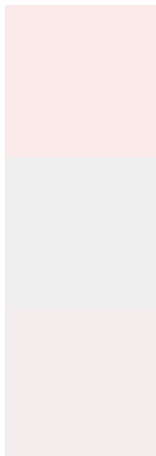
Deuteranomaly

239.2080, -2.0745, 12.0956

Tritanomaly

239.6360, 2.1515, 9.9662

Monochromacy



Original Color

238.7840, -2.3585, 9.8364

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.7940, -0.8844, 3.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7840, -2.3585, 9.8364 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(250, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 234)  
}
```

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(250, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 234) }
```

Border

The CSS property to change the border of an element to YUV 238.7840, -2.3585, 9.8364 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(250, 234, 234) }
```


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

```
.border{ border-color:rgb(250, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 238.7840, -2.3585, 9.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 234, 234) }
```

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

```
.background{ background-color: rgb(250,  
234, 234) }
```

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