

# Converting Colors

YUV(238.7940, -0.8844, 3.6887)

Have a look what the booklet for  
YUV(238.7940, -0.8844, 3.6887)  
contains.

<b>YUV(238.7940, -0.8844, 3.6887)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(238.7940, -0.8844,  
3.6887)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3EDED
RGB	243, 237, 237
RGB Percent	95%, 93%, 93%
CMY	0.0471, 0.0706, 0.0706
CMYK	0.00, 0.02, 0.02, 0.05
HSL	0°, 20%, 94%
HSV	0°, 2%, 95%
XYZ	82.5324, 85.7375, 92.3198
YIQ	238.7940, 3.5760, 1.2720

# Conversions

## Conversions Part 2

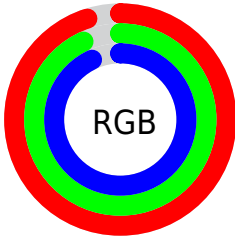
Format	Color
R <sub>Y</sub> B	243, 237, 237
Decimal	15986157
CIE Lab	94.20, 2.02, 0.70
CIE LCh	94, 2.134, 19.256
Yxy	85.7375, 0.3167, 0.3290
Android (android.graphics.Color)	4294176237 (0xFFFF3EDED)
YUV	238.7940, -0.8844, 3.6887
Hunter-Lab	92.5945, -2.9378, 5.7021

# Details

The YUV color  $238.7940, -0.8844, 3.6887$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $241.2060, 0.8844, -3.6887$ , 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  $182.7940, -0.8844, 3.6887$  is the 20% darker color. If you saturate the color by 10%, you get  $221.9700, -4.4222, 18.4433$ , and if you desaturate by 10%, it is  $251.4120, 1.7689, -7.3773$ .

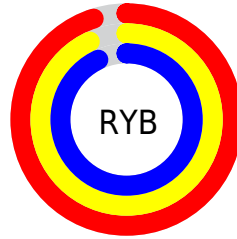
# Distribution



Red (95%)

Green (93%)

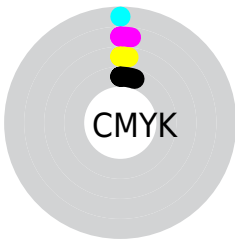
Blue (93%)



Red (95%)

Yellow (93%)

Blue (93%)

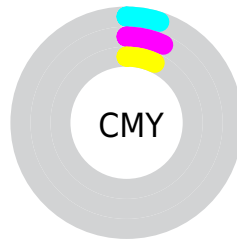


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (5%)



Cyan (5%)

Magenta (7%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.7940, -0.8844, 3.6887 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 238.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.





 238.7940, -0.8844,  
3.6887


 238.7940, -0.8844,  
3.6887

255.0000, 0.0000,  
0.0000


 210.7940, -0.8844,  
3.6887

 182.7940, -0.8844,  
3.6887

 155.7940, -0.8844,  
3.6887

 129.7940, -0.8844,  
3.6887

 104.4950, -0.7370,  
3.0739

 80.4950, -0.7370,  
3.0739

 57.6090, -0.3002,

2.9739

■ 36.1960, -0.5896,  
2.4591

■ 14.7940, -0.8844,  
3.6887

■ 238.7940, -0.8844,  
3.6887

■ 238.7940, -0.8844,  
3.6887

■ 221.9700, -4.4222,  
18.4433

■ 251.4120, 1.7689,  
-7.3773

■ 204.4450, -8.1074,  
33.8127

■ 187.6210,  
-11.6452, 48.5674

■ 170.7970,  
-15.1829, 63.3220

■ 153.9730,  
-18.7207, 78.0767

■ 136.4480,  
-22.4059, 93.4461

■ 119.6240,  
-25.9436, 108.2008

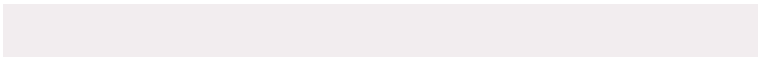
■ 102.8000,  
-29.4814, 122.9554

■ 85.2750, -33.1666,  
138.3248

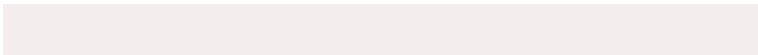
# Harmonies

## Analogous

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



238.7230, 0.1366, 2.8739



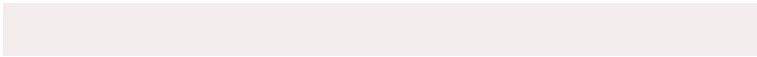
238.7940, -0.8844, 3.6887



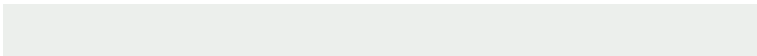
238.5660, -1.7580, 3.8886

# Triad

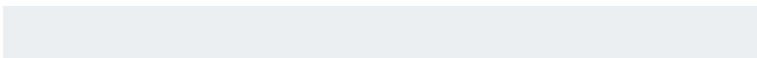
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7940, -0.8844, 3.6887



237.7610, -0.8682, -1.5444



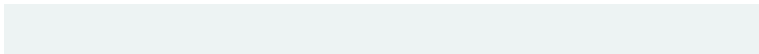
238.4450, 1.7526, -2.1443

# Complementary

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



238.7940, -0.8844, 3.6887



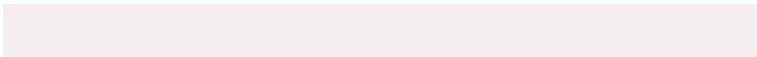
241.2060, 0.8844, -3.6887

# Split Complementary

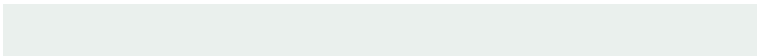
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.7330, 1.6106, -3.2738



238.7940, -0.8844, 3.6887



237.8640, -0.4260, -3.3887

# Square

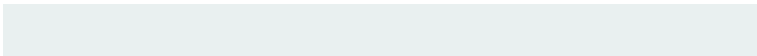
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



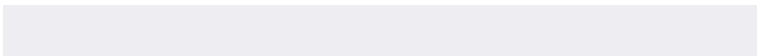
238.7940, -0.8844, 3.6887



238.4300, -2.1840, 0.4999



237.9070, 1.0318, -4.3034

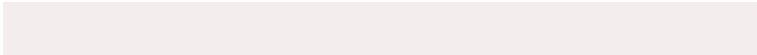


238.4560, 1.7472, -0.3999

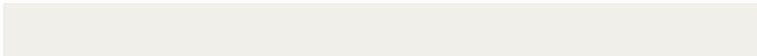


# Rectangle

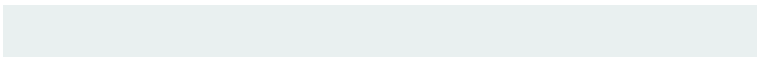
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



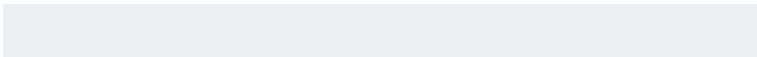
238.7940, -0.8844, 3.6887



238.7400, -2.3368, 2.8590



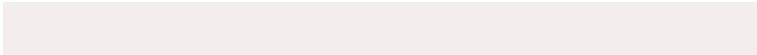
237.9070, 1.0318, -4.3034



238.1460, 1.9000, -2.7590

# Sweetspot

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



238.7940, -0.8844, 3.6887



252.8970, -0.4422, 1.8443



239.4780, 1.7363, 3.0888



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000

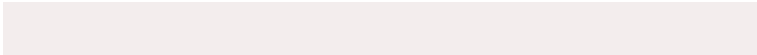


128.0000, 0.0000, 0.0000



# Same Dimension

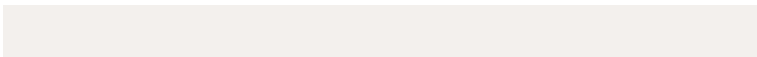
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.7940, -0.8844, 3.6887



249.3920, -1.1793, 4.9182



240.5550, -1.7526, 2.1443



119.1960, -0.5896, 2.4591



55.6140, -27.4177, 114.3485



17.6410, -8.6970, 36.2718



# Inverse Universe

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



241.2060, 0.8844, -3.6887



252.6080, 1.1793, -4.9182



239.4450, 1.7526, -2.1443



120.8040, 0.5896, -2.4591



130.3860, 27.4177, -114.3485

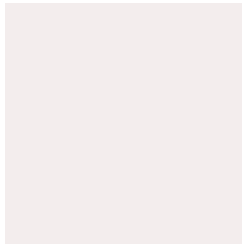


41.3590, 8.6970, -36.2718



# Previews

## White Background



This preview shows how the YUV color 238.7940, -0.8844, 3.6887 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

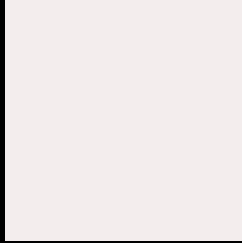
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.7940, -0.8844, 3.6887 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

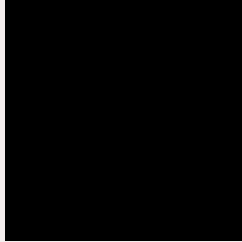
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

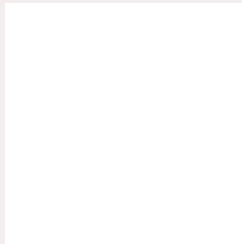
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 238.7940, -0.8844, 3.6887

## Background



This preview shows how black text looks on a background with the YUV color 238.7940, -0.8844, 3.6887.



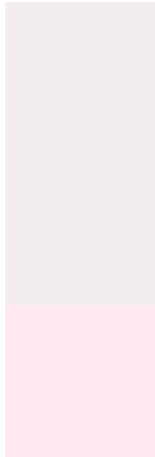
This preview shows how white text looks on a background with the YUV color 238.7940, -0.8844,

3.6887.

# 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

238.7940, -0.8844, 3.6887

### Protanopia

238.7940, -0.8844, 3.6887

### Deuteranopia

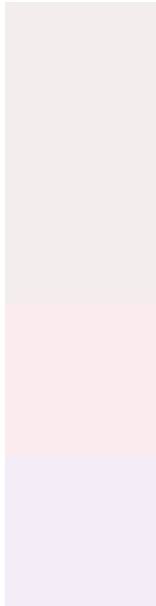
240.1480, -1.0590, 13.0252



## Tritanopia

240.0420, 6.3883, 4.3482

# Trichromacy



## Original Color

238.7940, -0.8844, 3.6887

## Protanomaly

238.7940, -0.8844, 3.6887

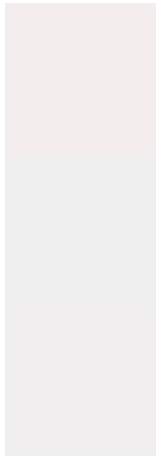
## Deuteranomaly

239.5390, -0.7587, 10.0513

## Tritanomaly

239.6460, 3.6255, 3.8185

# Monochromacy



## Original Color

238.7940, -0.8844, 3.6887

## Achromatopsia

239.0000, 0.0000, 0.0000

## Achromatomaly

238.5980, -0.2948, 1.2296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.7940, -0.8844, 3.6887 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(243, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 237)  
}
```

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(243, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 237) }
```

## Border

The CSS property to change the border of an element to YUV 238.7940, -0.8844, 3.6887 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(243, 237, 237) }
```



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

```
.border{ border-color:rgb(243, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 238.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 237) }
```

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

```
.background{ background-color: rgb(243,  
237, 237) }
```

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