

# Converting Colors

YUV(238.5710, 0.7045, 7.3922)

Have a look what the booklet for  
YUV(238.5710, 0.7045, 7.3922)  
contains.

<b>YUV(238.5710, 0.7045, 7.3922)</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(238.5710, 0.7045,  
7.3922)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7EAF0
RGB	247, 234, 240
RGB Percent	97%, 92%, 94%
CMY	0.0314, 0.0824, 0.0588
CMYK	0.00, 0.05, 0.03, 0.03
HSL	332°, 45%, 94%
HSV	332°, 5%, 97%
XYZ	83.5088, 84.9111, 94.4262
YIQ	238.5710, 5.8220, 4.6220

# Conversions

## Conversions Part 2

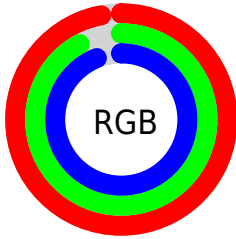
Format	Color
R <sub>Y</sub> B	247, 234, 240
Decimal	16247536
CIE Lab	93.84, 5.42, -1.34
CIE LCh	94, 5.582, 346.139
Yxy	84.9111, 0.3177, 0.3230
Android (android.graphics.Color)	4294437616 (0xFF7EAF0)
YUV	238.5710, 0.7045, 7.3922
Hunter-Lab	92.1472, 0.5087, 3.7467

# Details

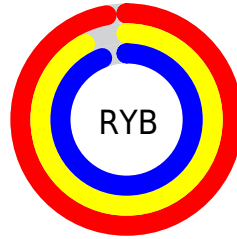
The YUV color  $238.5710, 0.7045, 7.3922$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.4290, -0.7045, -7.3922$ , and the grayscale version is  $239.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $182.5710, 0.7045, 7.3922$  is the 20% darker color. If you saturate the color by 10%, you get  $222.4140, 2.2609, 21.5619$ , and if you desaturate by 10%, it is  $252.3800, 0.3057, -4.7183$ .

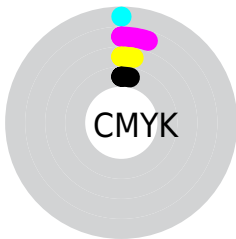
# Distribution



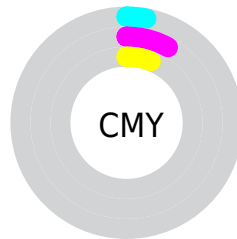
- Red (97%)
- Green (92%)
- Blue (94%)



- Red (97%)
- Yellow (92%)
- Blue (94%)



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




- Cyan (3%)
- Magenta (8%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 238.5710, 0.7045, 7.3922 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 238.5710, 0.7045, 7.3922 by changing the saturation by 10% instead.





 238.5710, 0.7045,  
7.3922


 238.5710, 0.7045,  
7.3922


255.0000, 0.0000,  
0.0000


 210.2720, 0.8519,  
6.7775

 182.5710, 0.7045,  
7.3922

 156.1580, 0.4151,  
6.8774

 129.8590, 0.5625,  
6.2627

 104.8590, 0.5625,  
6.2627

 80.5600, 0.7099,  
5.6479

 57.5600, 0.7099,

5.6479

■ 36.1470, 0.4205,  
5.1331

■ 14.2720, 0.8519,  
6.7775

■ 238.5710, 0.7045,  
7.3922

■ 238.5710, 0.7045,  
7.3922

■ 222.4140, 2.2609,  
21.5619

■ 252.3800, 0.3057,  
-4.7183

■ 206.7300, 3.0911,  
35.3168

■ 252.6080, 1.1793,  
-4.9182

■ 190.5730, 4.6475,  
49.4865

■ 174.4160, 6.2039,  
63.6562

■ 158.2590, 7.7603,  
77.8259

■ 142.5750, 8.5905,  
91.5807

■ 126.4180, 10.1469,  
105.7504

■ 110.2610, 11.7033,  
119.9201

■ 94.5770, 12.5335,  
133.6750

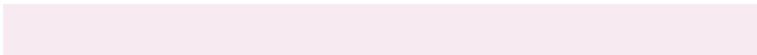
# Harmonies

## Analogous

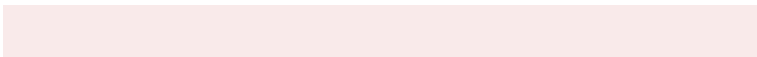
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.2330, 3.3361, 3.3037



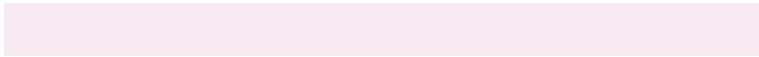
238.5710, 0.7045, 7.3922



238.4850, -2.2111, 9.2217

# Triad

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



238.5710, 0.7045, 7.3922



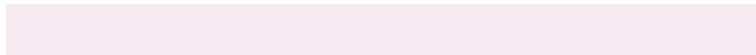
237.0450, -4.9522, 1.7145



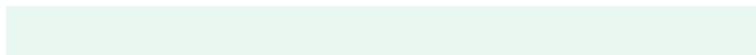
236.0850, 4.3951, -9.7215

# Complementary

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



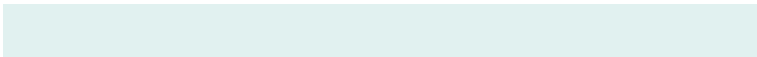
238.5710, 0.7045, 7.3922



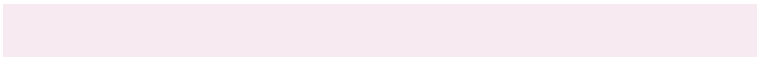
242.4290, -0.7045, -7.3922

# 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.



236.1020, 1.9217, -9.7365



238.5710, 0.7045, 7.3922



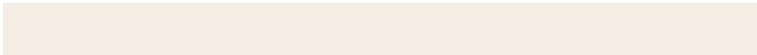
235.8810, -2.8993, -3.4036

# Square

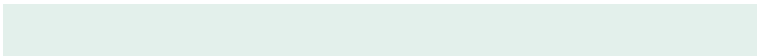
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



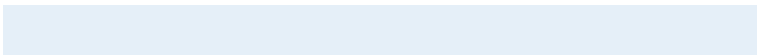
238.5710, 0.7045, 7.3922



237.6650, -5.2578, 6.4328



235.5430, -0.2677, -7.4922



237.0360, 5.4053, -7.0476

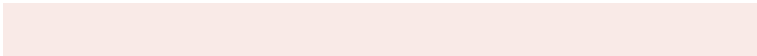


# Rectangle

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



238.5710, 0.7045, 7.3922



238.1430, -3.5215, 9.5216



235.5430, -0.2677, -7.4922



235.8570, 3.5215, -9.5216

# Sweetspot

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



238.5710, 0.7045, 7.3922



251.7230, 0.1366, 2.8739



237.5750, 4.6465, 3.0037



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000

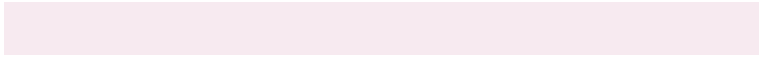


128.0000, 0.0000, 0.0000



# Same Dimension

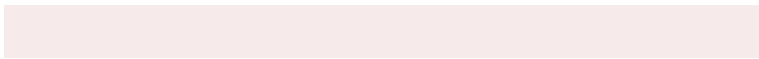
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.5710, 0.7045, 7.3922



245.2830, 0.8465, 8.5218



237.8870, -1.9163, 7.9921



116.8480, 0.5679, 4.5183



65.4180, 10.1469, 105.7504

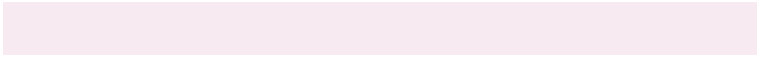


20.7190, 3.0965, 33.5724



# Inverse Universe

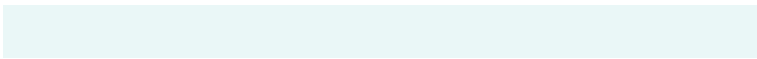
The Inverse Universe completely reimagines the original color for something new.



238.5710, 0.7045, 7.3922



245.2830, 0.8465, 8.5218



243.1130, 1.9163, -7.9921



116.8480, 0.5679, 4.5183



65.4180, 10.1469, 105.7504

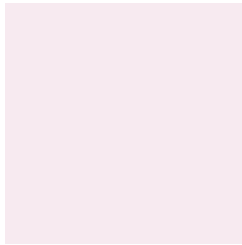


20.7190, 3.0965, 33.5724



# Previews

## White Background



This preview shows how the YUV color 238.5710, 0.7045, 7.3922 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

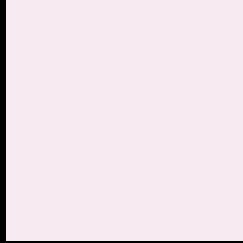
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.5710, 0.7045, 7.3922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

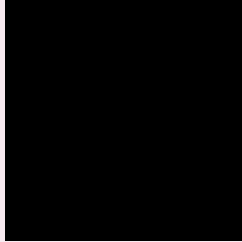
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 238.5710, 0.7045, 7.3922

## Background



This preview shows how black text looks on a background with the YUV color 238.5710, 0.7045, 7.3922.



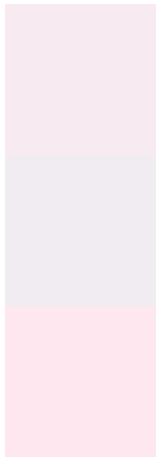
This preview shows how white text looks on a background with the YUV color 238.5710, 0.7045,

7.3922.

# 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

238.5710, 0.7045, 7.3922

### Protanopia

237.7660, 1.5944, 1.9592

### Deuteranopia

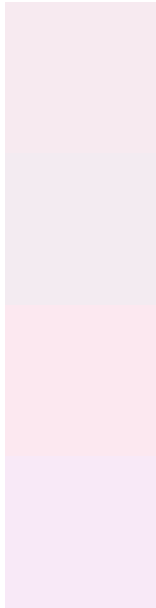
239.2020, 0.3934, 13.8548



## Tritanopia

239.2490, 5.7932, 8.5516

# Trichromacy



## Original Color

238.5710, 0.7045, 7.3922

## Protanomaly

238.0760, 1.4415, 4.3183

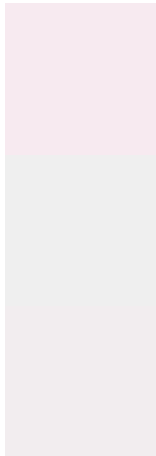
## Deuteranomaly

238.8920, 0.5462, 11.4957

## Tritanomaly

239.0810, 3.9041, 7.8220

# Monochromacy



## Original Color

238.5710, 0.7045, 7.3922

## Achromatopsia

239.0000, 0.0000, 0.0000

## Achromatomaly

238.7230, 0.1366, 2.8739

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.5710, 0.7045, 7.3922 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(247, 234, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 240)  
}
```

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(247, 234, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 240) }
```

## Border

The CSS property to change the border of an element to YUV 238.5710, 0.7045, 7.3922 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(247, 234, 240) }
```



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

```
.border{ border-color:rgb(247, 234, 240) }
```

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

Here you see how a box with a 4 pixel rgb(247, 234, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 238.5710, 0.7045, 7.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 240) }
```

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

```
.background{ background-color: rgb(247,  
234, 240) }
```

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