

# Converting Colors

YUV(236.5710, 0.7045, 7.3922)

Have a look what the booklet for  
YUV(236.5710, 0.7045, 7.3922)  
contains.

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# Color

**YUV(236.5710, 0.7045,  
7.3922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E8EE
RGB	245, 232, 238
RGB Percent	96%, 91%, 93%
CMY	0.0392, 0.0902, 0.0667
CMYK	0.00, 0.05, 0.03, 0.04
HSL	332°, 39%, 94%
HSV	332°, 5%, 96%
XYZ	81.9454, 83.2987, 92.6482
YIQ	236.5710, 5.8220, 4.6220

# Conversions

## Conversions Part 2

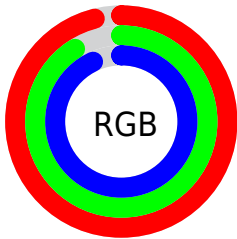
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 232, 238
Decimal	16115950
CIE <sub>Lab</sub>	93.15, 5.43, -1.34
CIE <sub>LCh</sub>	93, 5.591, 346.143
Yxy	83.2987, 0.3178, 0.3230
Android (android.graphics.Color)	4294306030 (0xFF5E8EE)
YUV	236.5710, 0.7045, 7.3922
Hunter-Lab	91.2681, 0.5476, 3.7012

# Details

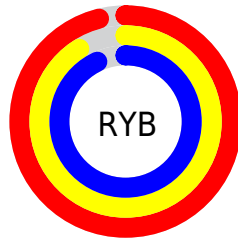
The YUV color  $236.5710, 0.7045, 7.3922$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $240.4290, -0.7045, -7.3922$ , and the grayscale version is  $237.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $180.5710, 0.7045, 7.3922$  is the 20% darker color. If you saturate the color by 10%, you get  $221.0010, 1.9715, 21.0471$ , and if you desaturate by 10%, it is  $251.5540, -0.2731, -5.7479$ .

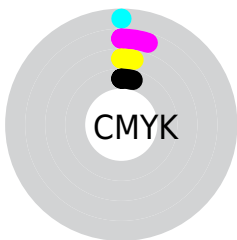
# Distribution



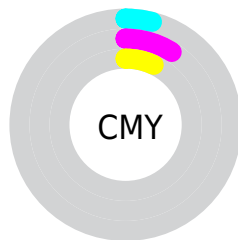
- Red (96%)
- Green (91%)
- Blue (93%)



- Red (96%)
- Yellow (91%)
- Blue (93%)



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




- Cyan (4%)
- Magenta (9%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 236.5710, 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 236.5710, 0.7045, 7.3922 by changing the saturation by 10% instead.





 236.5710, 0.7045,  
7.3922

 236.5710, 0.7045,  
7.3922

255.0000, 0.0000,  
0.0000


 208.5710, 0.7045,  
7.3922

 180.5710, 0.7045,  
7.3922

 154.1580, 0.4151,  
6.8774

 127.8590, 0.5625,  
6.2627

 102.8590, 0.5625,  
6.2627

 78.8590, 0.5625,  
6.2627

 56.4460, 0.2731,

5.7479

■ 34.5600, 0.7099,  
5.6479

■ 11.9840, 0.9939,  
7.9070

■ 236.5710, 0.7045,  
7.3922

■ 236.5710, 0.7045,  
7.3922

■ 221.0010, 1.9715,  
21.0471

■ 251.5540, -0.2731,  
-5.7479

■ 204.8440, 3.5279,  
35.2168

■ 252.0100, 1.4741,  
-6.1478

■ 189.1600, 4.3581,  
48.9717

■ 173.0030, 5.9145,  
63.1414

■ 157.4330, 7.1815,  
76.7963

■ 141.2760, 8.7379,  
90.9659

■ 125.1190, 10.2943,  
105.1356

■ 109.4350, 11.1245,  
118.8905

■ 93.8650, 12.3916,  
132.5454

# Harmonies

## Analogous

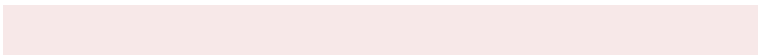
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2330, 3.3361, 3.3037



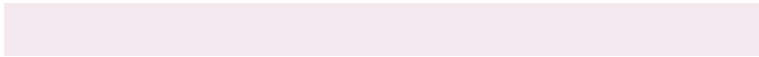
236.5710, 0.7045, 7.3922



236.4850, -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.



236.5710, 0.7045, 7.3922



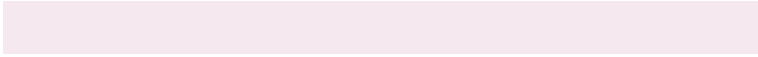
235.0450, -4.9522, 1.7145



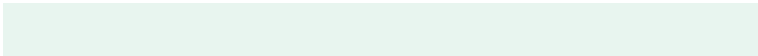
234.0850, 4.3951, -9.7215

# Complementary

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



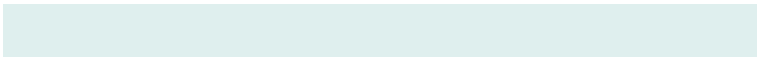
236.5710, 0.7045, 7.3922



240.4290, -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.



234.1020, 1.9217, -9.7365



236.5710, 0.7045, 7.3922



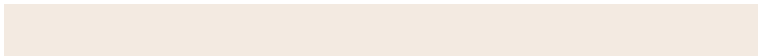
233.8810, -2.8993, -3.4036

# Square

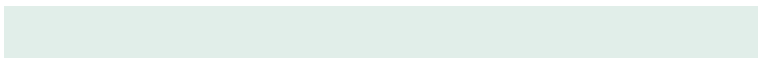
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



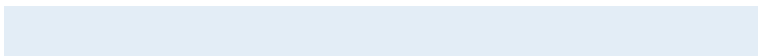
236.5710, 0.7045, 7.3922



235.6650, -5.2578, 6.4328



233.5430, -0.2677, -7.4922



235.0360, 5.4053, -7.0476

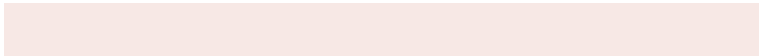


# Rectangle

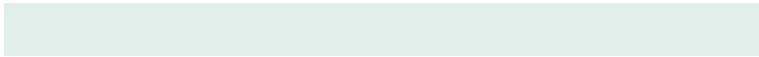
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.5710, 0.7045, 7.3922



236.1430, -3.5215, 9.5216



233.5430, -0.2677, -7.4922



233.8570, 3.5215, -9.5216

# Sweetspot

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



236.5710, 0.7045, 7.3922



251.7230, 0.1366, 2.8739



235.5750, 4.6465, 3.0037



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

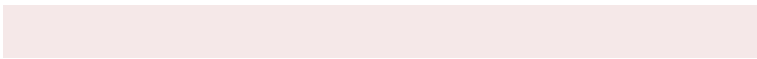
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.5710, 0.7045, 7.3922



245.2830, 0.8465, 8.5218



235.8870, -1.9163, 7.9921



116.8480, 0.5679, 4.5183



65.4180, 10.1469, 105.7504



20.7190, 3.0965, 33.5724



# Inverse Universe

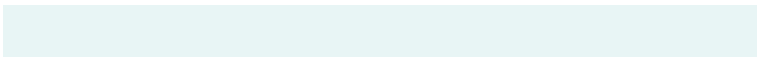
The Inverse Universe completely reimagines the original color for something new.



236.5710, 0.7045, 7.3922



245.2830, 0.8465, 8.5218



241.1130, 1.9163, -7.9921



116.8480, 0.5679, 4.5183



65.4180, 10.1469, 105.7504

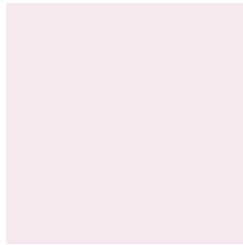


20.7190, 3.0965, 33.5724



# Previews

## White Background



This preview shows how the YUV color 236.5710, 0.7045, 7.3922 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

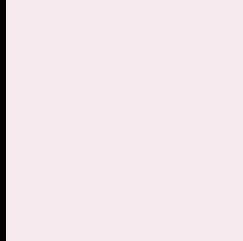
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 236.5710, 0.7045, 7.3922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

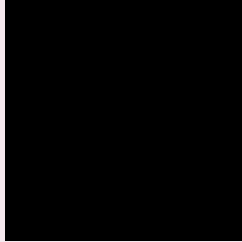
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

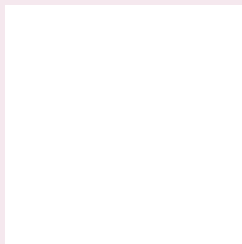
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 236.5710, 0.7045, 7.3922

## Background



This preview shows how black text looks on a background with the YUV color 236.5710, 0.7045, 7.3922.



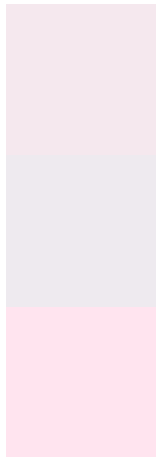
This preview shows how white text looks on a background with the YUV color 236.5710, 0.7045,

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

236.5710, 0.7045, 7.3922

### Protanopia

235.7660, 1.5944, 1.9592

### Deuteranopia

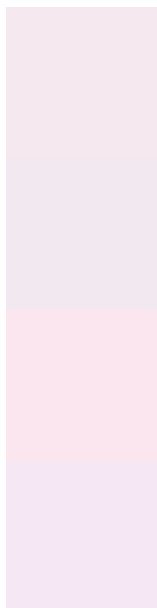
237.3270, 0.8248, 15.4992



## Tritanopia

237.1350, 5.3564, 8.6516

# Trichromacy



## Original Color

236.5710, 0.7045, 7.3922

## Protanomaly

236.0760, 1.4415, 4.3183

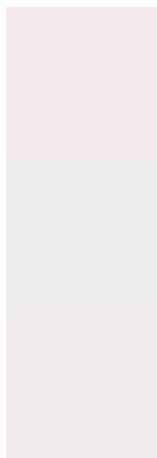
## Deuteranomaly

236.7180, 1.1250, 12.5253

## Tritanomaly

236.9670, 3.4673, 7.9219

# Monochromacy



## Original Color

236.5710, 0.7045, 7.3922

## Achromatopsia

237.0000, 0.0000, 0.0000

## Achromatomaly

236.7230, 0.1366, 2.8739

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 236.5710, 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(245, 232, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 238)  
}
```

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(245, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 238) }
```

## Border

The CSS property to change the border of an element to YUV 236.5710, 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(245, 232, 238) }
```



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

```
.border{ border-color:rgb(245, 232, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 236.5710, 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(245, 232, 238) }
```

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

```
.background{ background-color: rgb(245,  
232, 238) }
```

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](#).

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