

# Converting Colors

YUV(241.6910, -1.3267, 5.5330)

Have a look what the booklet for  
YUV(241.6910, -1.3267, 5.5330)  
contains.

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# Color

**YUV(241.6910, -1.3267,  
5.5330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8EFEF
RGB	248, 239, 239
RGB Percent	97%, 94%, 94%
CMY	0.0275, 0.0627, 0.0627
CMYK	0.00, 0.04, 0.04, 0.03
HSL	0°, 39%, 95%
HSV	0°, 4%, 97%
XYZ	85.1579, 87.9215, 94.1436
YIQ	241.6910, 5.3640, 1.9080

# Conversions

## Conversions Part 2

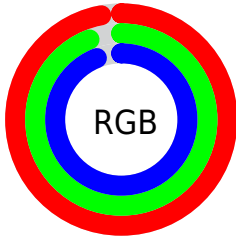
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 239, 239
Decimal	16314351
CIE <sub>Lab</sub>	95.13, 3.02, 1.07
CIE <sub>LCh</sub>	95, 3.203, 19.424
Yxy	87.9215, 0.3187, 0.3290
Android (android.graphics.Color)	4294504431 (0xFF8E8E8E)
YUV	241.6910, -1.3267, 5.5330
Hunter-Lab	93.7664, -1.9791, 6.1080

# Details

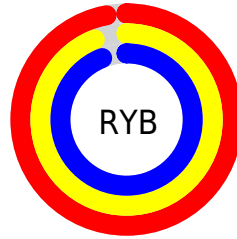
The YUV color  $241.6910, -1.3267, 5.5330$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $245.3090, 1.3267, -5.5330$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.6910, -1.3267, 5.5330$  is the 20% darker color. If you saturate the color by 10%, you get  $224.1660, -5.0118, 20.9024$ , and if you desaturate by 10%, it is  $252.9070, 1.0318, -4.3034$ .

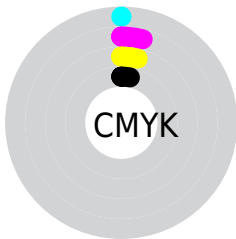
# Distribution



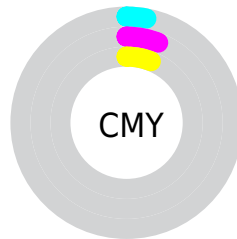
- Red (97%)
- Green (94%)
- Blue (94%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the YUV color 241.6910, -1.3267, 5.5330 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 241.6910, -1.3267, 5.5330 by changing the saturation by 10% instead.





 241.6910, -1.3267,  
5.5330

 241.6910, -1.3267,  
5.5330

255.0000, 0.0000,  
0.0000


 213.3920, -1.1793,  
4.9182

 185.6910, -1.3267,  
5.5330

 158.6910, -1.3267,  
5.5330

 132.3920, -1.1793,  
4.9182

 107.3920, -1.1793,  
4.9182

 83.0930, -1.0318,  
4.3034

 60.0930, -1.0318,

4.3034

■ 38.2070, -0.5951,  
4.2035

■ 17.3920, -1.1793,  
4.9182

■ 241.6910, -1.3267,  
5.5330

■ 241.6910, -1.3267,  
5.5330

■ 224.1660, -5.0118,  
20.9024

■ 252.9070, 1.0318,  
-4.3034

■ 206.6410, -8.6970,  
36.2718

■ 189.8170,  
-12.2348, 51.0265

■ 172.2920,  
-15.9200, 66.3959

■ 154.7670,  
-19.6051, 81.7653

■ 137.2420,  
-23.2903, 97.1348

■ 119.7170,  
-26.9755, 112.5042

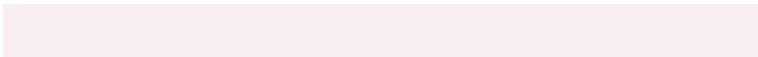
■ 102.8930,  
-30.5132, 127.2588

■ 85.3680, -34.1984,  
142.6283

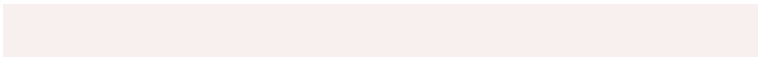
# Harmonies

## Analogous

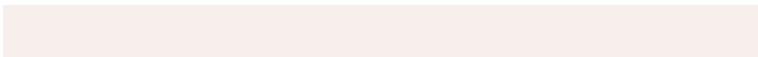
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7340, 0.1311, 4.6183



241.6910, -1.3267, 5.5330



241.0500, -2.4896, 5.2182

# Triad

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



241.6910, -1.3267, 5.5330



240.2340, -1.5944, -1.9592



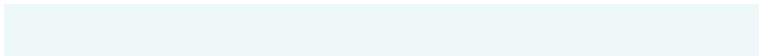
241.0750, 2.9210, -3.5738

# Complementary

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



241.6910, -1.3267, 5.5330



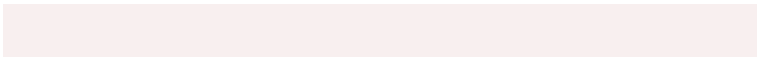
245.3090, 1.3267, -5.5330

# Split Complementary

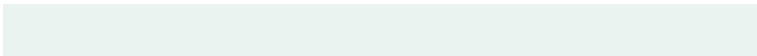
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.0640, 2.9264, -5.3181



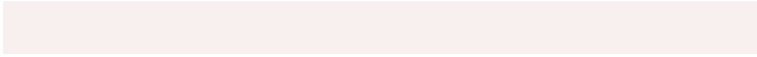
241.6910, -1.3267, 5.5330



240.2660, -0.1311, -4.6183

# Square

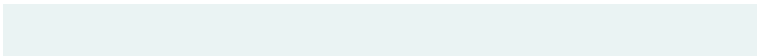
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.6910, -1.3267, 5.5330



240.3160, -2.6208, 0.5999



240.3090, 1.3267, -5.5330



241.3850, 2.7682, -1.2146



# Rectangle

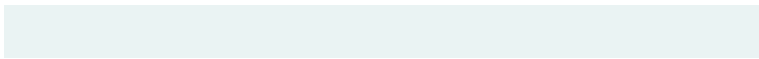
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.6910, -1.3267, 5.5330



241.2240, -3.0684, 4.1886



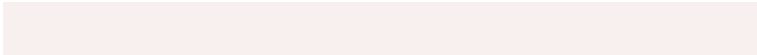
240.3090, 1.3267, -5.5330



240.7760, 3.0684, -4.1886

# Sweetspot

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



241.6910, -1.3267, 5.5330



252.8970, -0.4422, 1.8443



242.7170, 2.6045, 4.6332



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000

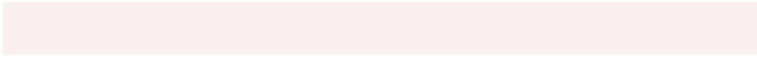


128.0000, 0.0000, 0.0000

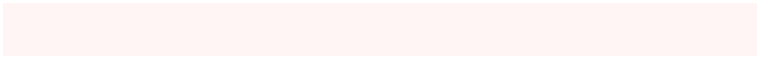


# Same Dimension

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



241.6910, -1.3267, 5.5330



247.9900, -1.4741, 6.1478



244.0390, -2.4842, 3.4738



120.7940, -0.8844, 3.6887



56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014



# Inverse Universe

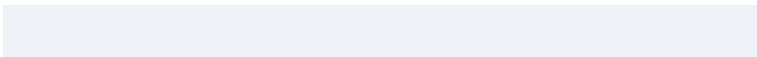
The Inverse Universe completely reimagines the original color for something new.



245.3090, 1.3267, -5.5330



252.0100, 1.4741, -6.1478



242.3740, 2.7736, -2.9590



123.2060, 0.8844, -3.6887



132.4890, 27.8599, -116.1929

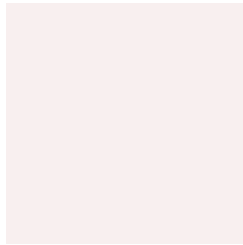


42.7610, 8.9918, -37.5014



# Previews

## White Background



This preview shows how the YUV color 241.6910, -1.3267, 5.5330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

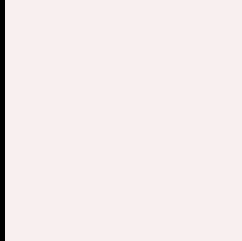
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.6910, -1.3267, 5.5330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

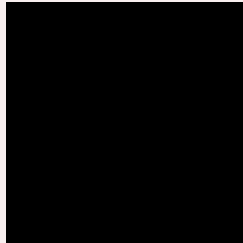
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

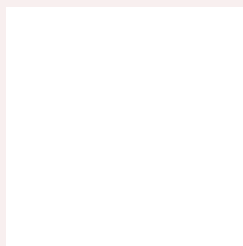
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.6910, -1.3267, 5.5330

## Background



This preview shows how black text looks on a background with the YUV color 241.6910, -1.3267, 5.5330.



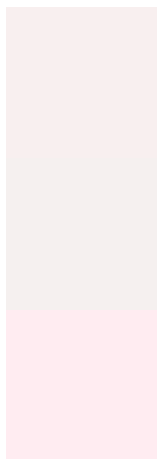
This preview shows how white text looks on a background with the YUV color 241.6910, -1.3267,

5.5330.

# 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

241.6910, -1.3267, 5.5330

### Protanopia

241.3810, -1.1738, 3.1739

### Deuteranopia

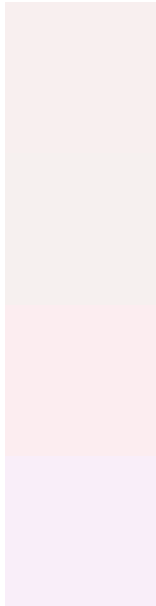
242.2510, -0.6167, 11.1809



## Tritanopia

242.9390, 5.9461, 6.1925

# Trichromacy



## Original Color

241.6910, -1.3267, 5.5330

## Protanomaly

241.6800, -1.3212, 3.7886

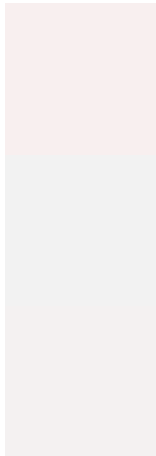
## Deuteranomaly

241.8270, -0.9007, 8.9217

## Tritanomaly

242.5430, 3.1833, 5.6628

# Monochromacy



## Original Color

241.6910, -1.3267, 5.5330

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

241.8970, -0.4422, 1.8443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.6910, -1.3267, 5.5330 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(248, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 239)  
}
```

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(248, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 239) }
```

## Border

The CSS property to change the border of an element to YUV 241.6910, -1.3267, 5.5330 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(248, 239, 239) }
```



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

```
.border{ border-color:rgb(248, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 241.6910, -1.3267, 5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 239) }
```

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

```
.background{ background-color: rgb(248,  
239, 239) }
```

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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