

# Converting Colors

YUV(239.2400, -0.6113, 9.4365)

Have a look what the booklet for  
YUV(239.2400, -0.6113, 9.4365)  
contains.

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# Color

**YUV(239.2400, -0.6113,  
9.4365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAEAEE
RGB	250, 234, 238
RGB Percent	98%, 92%, 93%
CMY	0.0196, 0.0824, 0.0667
CMYK	0.00, 0.06, 0.05, 0.02
HSL	345°, 62%, 95%
HSV	345°, 6%, 98%
XYZ	84.2798, 85.3427, 92.9197
YIQ	239.2400, 8.2520, 4.6360

# Conversions

## Conversions Part 2

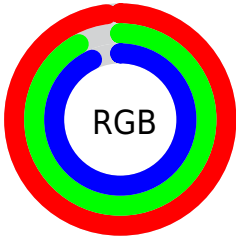
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 234, 238
Decimal	16444142
CIE Lab	94.03, 6.09, 0.00
CIE LCh	94, 6.088, 0.026
Yxy	85.3427, 0.3210, 0.3251
Android (android.graphics.Color)	4294634222 (0xFFFAEAE)
YUV	239.2400, -0.6113, 9.4365
Hunter-Lab	92.3811, 1.1796, 5.0311

# Details

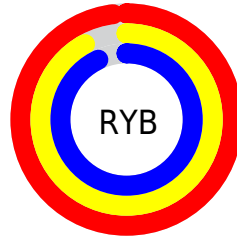
The YUV color  $239.2400, -0.6113, 9.4365$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $244.7600, 0.6113, -9.4365$ , and the grayscale version is  $239.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $183.2400, -0.6113, 9.4365$  is the 20% darker color. If you saturate the color by 10%, you get  $222.3990, -1.6757, 24.2061$ , and if you desaturate by 10%, it is  $253.5050, 0.7370, -3.0739$ .

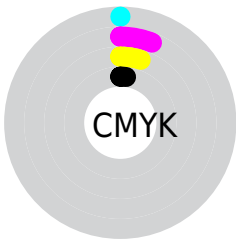
# Distribution



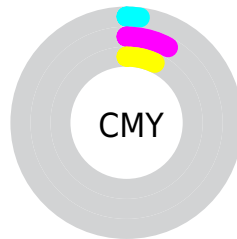
- Red (98%)
- Green (92%)
- Blue (93%)



- Red (98%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.2400, -0.6113, 9.4365 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 239.2400, -0.6113, 9.4365 by changing the saturation by 10% instead.



 239.2400, -0.6113,  
9.4365

 239.2400, -0.6113,  
9.4365

255.0000, 0.0000,  
0.0000


 210.9410, -0.4639,  
8.8217

 183.2400, -0.6113,  
9.4365

 156.5280, -0.7533,  
8.3069

 130.5280, -0.7533,  
8.3069

 105.2290, -0.6059,  
7.6922

 81.2290, -0.6059,  
7.6922

 57.9300, -0.4585,

7.0774

■ 36.6310, -0.3111,  
6.4626

■ 14.6420, -0.3165,  
8.2070

■ 239.2400, -0.6113,  
9.4365

■ 239.2400, -0.6113,  
9.4365

■ 222.3990, -1.6757,  
24.2061

■ 253.5050, 0.7370,  
-3.0739

■ 205.6720, -2.3033,  
38.8757

■ 188.8310, -3.3677,  
53.6452

■ 171.9900, -4.4321,  
68.4148

■ 155.1490, -5.4965,  
83.1843

■ 138.4220, -6.1240,  
97.8539

■ 121.5810, -7.1884,  
112.6235

■ 104.7400, -8.2528,  
127.3930

■ 87.8990, -9.3172,  
142.1626

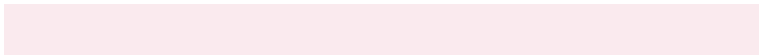
# Harmonies

## Analogous

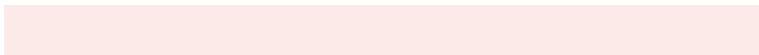
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.3150, 2.3097, 5.8627



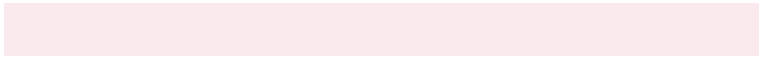
239.2400, -0.6113, 9.4365



238.8550, -3.3795, 10.6512

# Triad

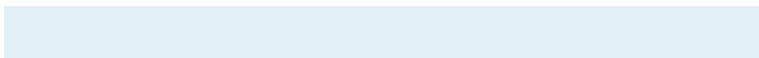
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.2400, -0.6113, 9.4365



236.8490, -4.3626, -0.7446



236.7260, 5.5581, -9.4067

# Complementary

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



239.2400, -0.6113, 9.4365



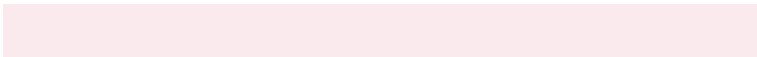
244.7600, 0.6113, -9.4365

# 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.



236.1450, 3.3795, -10.6512



239.2400, -0.6113, 9.4365



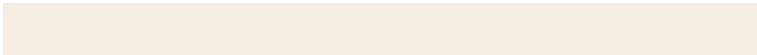
236.6850, -2.3097, -5.8627

# Square

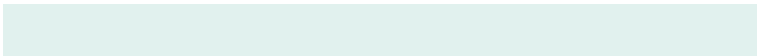
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.2400, -0.6113, 9.4365



237.5400, -5.6892, 4.7884



235.8740, 1.0481, -9.5365



237.4600, 5.6892, -4.7884

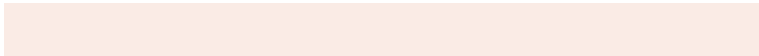


# Rectangle

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



239.2400, -0.6113, 9.4365



238.8010, -4.8319, 9.8215



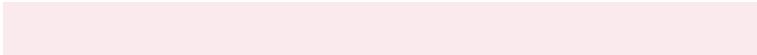
235.8740, 1.0481, -9.5365



236.9000, 4.9793, -10.4363

# Sweetspot

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



239.2400, -0.6113, 9.4365



251.6090, -0.3002, 2.9739



239.4120, 5.2199, 5.7777



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

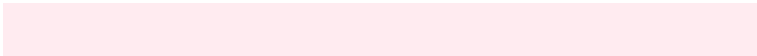


# Same Dimension

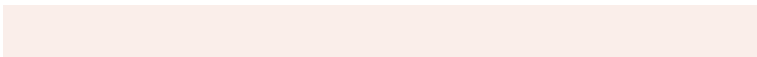
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.2400, -0.6113, 9.4365



241.5500, -0.7642, 11.7956



241.1320, -3.5161, 7.7772



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017



# Inverse Universe

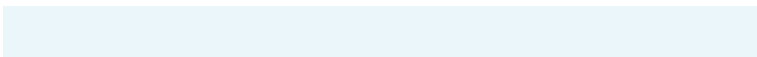
The Inverse Universe completely reimagines the original color for something new.



239.2400, -0.6113, 9.4365



241.5500, -0.7642, 11.7956



242.8680, 3.5161, -7.7772



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939

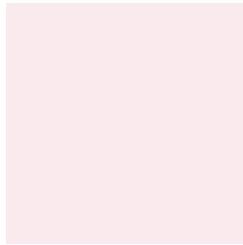


19.9490, -2.4399, 36.0017



# Previews

## White Background



This preview shows how the YUV color 239.2400, -0.6113, 9.4365 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

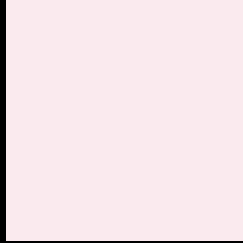
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.2400, -0.6113, 9.4365 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

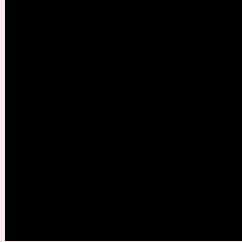
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 239.2400, -0.6113, 9.4365

## Background



This preview shows how black text looks on a background with the YUV color 239.2400, -0.6113, 9.4365.



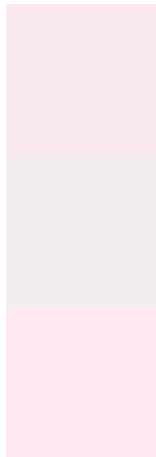
This preview shows how white text looks on a background with the YUV color 239.2400, -0.6113,

9.4365.

# 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

239.2400, -0.6113, 9.4365

### Protanopia

238.5380, 0.7208, 2.1592

### Deuteranopia

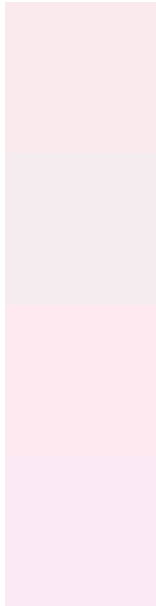
239.6750, -0.3328, 13.4400



## Tritanopia

240.0320, 4.9142, 10.4959

# Trichromacy



## Original Color

239.2400, -0.6113, 9.4365

## Protanomaly

238.7340, 0.1311, 4.6183

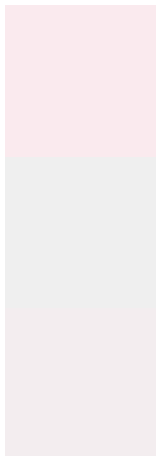
## Deuteranomaly

239.6640, -0.3274, 11.6957

## Tritanomaly

239.8640, 3.0250, 9.7663

# Monochromacy



## Original Color

239.2400, -0.6113, 9.4365

## Achromatopsia

239.0000, 0.0000, 0.0000

## Achromatomaly

239.0220, -0.0108, 3.4887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.2400, -0.6113, 9.4365 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 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(250, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 238) }
```

## Border

The CSS property to change the border of an element to YUV 239.2400, -0.6113, 9.4365 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, 238) }
```



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

```
.border{ border-color:rgb(250, 234, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 239.2400, -0.6113, 9.4365 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, 238) }
```

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

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