

# Converting Colors

YUV(238.3740, 6.2246, 10.1960)

Have a look what the booklet for  
YUV(238.3740, 6.2246, 10.1960)  
contains.

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# Color

**YUV(238.3740, 6.2246,  
10.1960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE6FB
RGB	250, 230, 251
RGB Percent	98%, 90%, 98%
CMY	0.0196, 0.0980, 0.0157
CMYK	0.00, 0.08, 0.00, 0.02
HSL	297°, 72%, 94%
HSV	297°, 8%, 98%
XYZ	85.1337, 83.8827, 102.9707
YIQ	238.3740, 5.1790, 10.7710

# Conversions

## Conversions Part 2

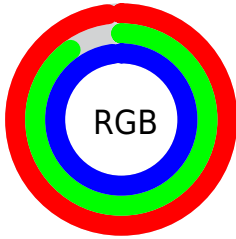
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 230, 251
Decimal	16443131
CIE <sub>Lab</sub>	93.40, 10.43, -7.69
CIE <sub>LCh</sub>	93, 12.956, 323.577
Yxy	83.8827, 0.3130, 0.3084
Android (android.graphics.Color)	4294633211 (0xFFFAE6FB)
YUV	238.3740, 6.2246, 10.1960
Hunter-Lab	91.5875, 5.6439, -2.5478

# Details

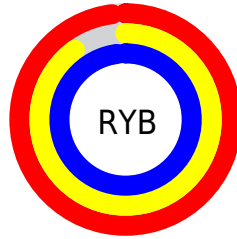
The YUV color  $238.3740, 6.2246, 10.1960$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.6260, -6.2246, -10.1960$ , and the grayscale version is  $238.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $181.9610, 5.9352, 9.6812$  is the 20% darker color. If you saturate the color by 10%, you get  $223.4000, 13.6068, 22.4512$ , and if you desaturate by 10%, it is  $253.3480, -1.1576, -2.0592$ .

# Distribution



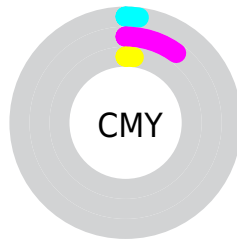
- Red (98%)
- Green (90%)
- Blue (98%)



- Red (98%)
- Yellow (90%)
- Blue (98%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.3740, 6.2246, 10.1960 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 238.3740, 6.2246, 10.1960 by changing the saturation by 10% instead.





 238.3740, 6.2246,  
10.1960

 238.3740, 6.2246,  
10.1960


255.0000, 0.0000,  
0.0000


 209.9610, 5.9352,  
9.6812

 181.9610, 5.9352,  
9.6812

 155.5480, 5.6458,  
9.1664

 129.5480, 5.6458,  
9.1664

 104.1350, 5.3564,  
8.6516

 80.1350, 5.3564,  
8.6516

 57.3090, 4.7777,

7.6220

■ 35.8960, 4.4883,  
7.1072

■ 12.9610, 5.9352,  
9.6812

■ 238.3740, 6.2246,  
10.1960

■ 238.3740, 6.2246,  
10.1960

■ 223.4000, 13.6068,  
22.4512

■ 253.3480, -1.1576,  
-2.0592

■ 208.4260, 20.9890,  
34.7064

■ 253.6470, -1.3050,  
-1.4444

■ 193.1530, 28.5186,  
46.3468

■ 254.2450, -1.5998,  
-0.2149

■ 178.1790, 35.9008,  
58.6020

■ 254.5440, -1.7472,  
0.3999

■ 163.2050, 43.2829,  
70.8572

■ 147.6440, 50.9545,  
83.6272

■ 132.6700, 58.3367,  
95.8824

■ 117.3970, 65.8663,  
107.5228

■ 102.4230, 73.2485,  
119.7780

# Harmonies

## Analogous

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



236.6930, 9.0254, -1.4848



238.3740, 6.2246, 10.1960



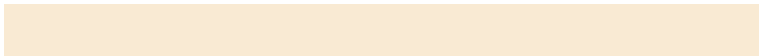
237.3270, 0.8248, 15.4992

# Triad

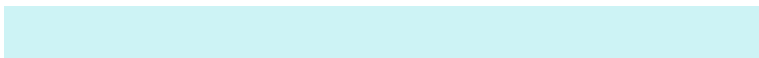
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.3740, 6.2246, 10.1960



235.8630, -12.2575, 11.5211



231.8660, 6.4751, -23.5615

# Complementary

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



238.3740, 6.2246, 10.1960



242.6260, -6.2246, -10.1960

# 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.



231.9930, 0.4965, -19.2879



238.3740, 6.2246, 10.1960



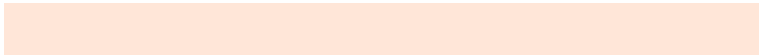
234.5520, -10.6251, 1.2699

# Square

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



238.3740, 6.2246, 10.1960



235.8790, -9.8003, 16.7691



233.3270, -6.0772, -10.8108



233.0280, 10.8322, -21.0726

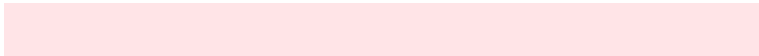


# Rectangle

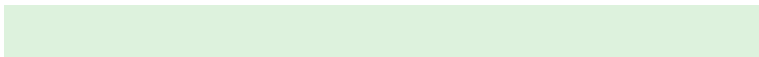
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3740, 6.2246, 10.1960



236.4150, -2.6696, 16.2990



233.3270, -6.0772, -10.8108



232.2960, 4.2911, -23.0616

# Sweetspot

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



238.3740, 6.2246, 10.1960



250.3040, 2.3151, 4.1184



232.9810, 8.8834, -2.6143



124.1790, 1.8838, 2.4740



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.



238.3740, 6.2246, 10.1960



240.0260, 7.3822, 12.2552



237.6470, 2.1460, 11.7106



117.0700, 3.9095, 6.0776



75.3660, 56.0216, 91.7640



24.2960, 18.0951, 29.5584

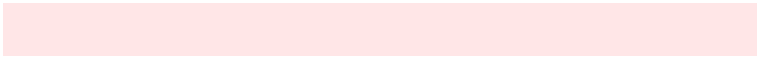


# Inverse Universe

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



236.3930, -2.6587, 12.8103



237.5890, -3.2484, 15.2694



243.3530, -2.1460, -11.7106



116.0010, -1.4795, 7.8921



57.5370, -23.9287, 115.2931

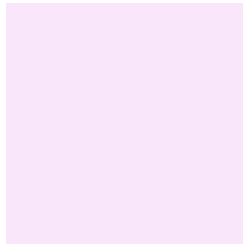


18.5810, -7.6814, 37.2015



# Previews

## White Background



This preview shows how the YUV color 238.3740, 6.2246, 10.1960 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

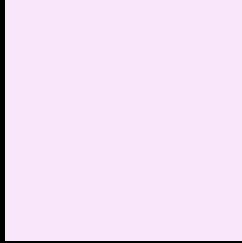
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.3740, 6.2246, 10.1960 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

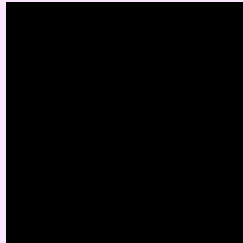
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 238.3740, 6.2246, 10.1960

## Background



This preview shows how black text looks on a background with the YUV color 238.3740, 6.2246, 10.1960.



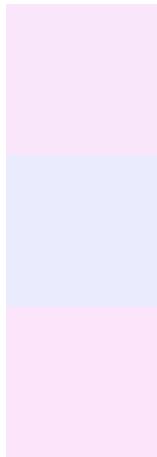
This preview shows how white text looks on a background with the YUV color 238.3740, 6.2246,

10.1960.

# 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

238.3740, 6.2246, 10.1960

### Protanopia

237.1660, 8.2992, -1.8996

### Deuteranopia

238.3850, 6.2192, 11.9404



## Tritanopia

238.1460, 5.3510, 10.3960

# Trichromacy



## Original Color

238.3740, 6.2246, 10.1960

## Protanomaly

237.3730, 7.7041, 2.3039

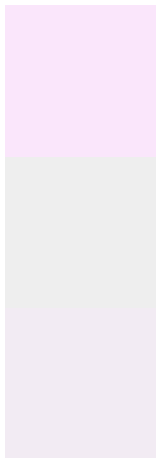
## Deuteranomaly

238.0860, 6.3666, 11.3256

## Tritanomaly

238.2600, 5.7878, 10.2960

# Monochromacy



## Original Color

238.3740, 6.2246, 10.1960

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

238.0050, 2.4625, 3.5036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.3740, 6.2246, 10.1960 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, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 251)  
}
```

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, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 251) }
```

## Border

The CSS property to change the border of an element to YUV 238.3740, 6.2246, 10.1960 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, 230, 251) }
```



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

```
.border{ border-color:rgb(250, 230, 251) }
```

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

Here you see how a box with a 4 pixel rgb(250, 230, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 238.3740, 6.2246, 10.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 251) }
```

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

```
.background{ background-color: rgb(250,  
230, 251) }
```

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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