

# Converting Colors

YUV(242.9390, 5.9461, 6.1925)

Have a look what the booklet for  
YUV(242.9390, 5.9461, 6.1925)  
contains.

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# Color

**YUV(242.9390, 5.9461,  
6.1925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAEDFF
RGB	250, 237, 255
RGB Percent	98%, 93%, 100%
CMY	0.0196, 0.0706, 0.0000
CMYK	0.02, 0.07, 0.00, 0.00
HSL	283°, 100%, 96%
HSV	283°, 7%, 100%
XYZ	87.7585, 88.1124, 106.9898
YIQ	242.9390, 1.9700, 8.3540

# Conversions

## Conversions Part 2

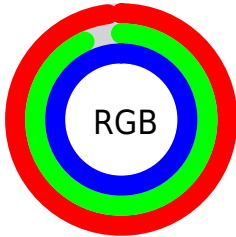
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 237, 255
Decimal	16444927
CIE Lab	95.21, 7.53, -7.10
CIE LCh	95, 10.348, 316.710
Yxy	88.1124, 0.3103, 0.3115
Android (android.graphics.Color)	4294635007 (0xFFFAEDFF)
YUV	242.9390, 5.9461, 6.1925
Hunter-Lab	93.8682, 2.6125, -1.8703

# Details

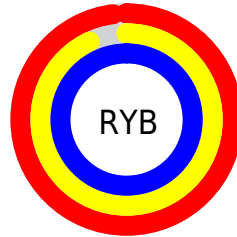
The YUV color `242.9390, 5.9461, 6.1925` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.0610, -5.9461, -6.1925`, and the grayscale version is `243.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.8250, 5.5093, 6.2925` is the 20% darker color. If you saturate the color by 10%, you get `226.1710, 14.2127, 14.7590`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

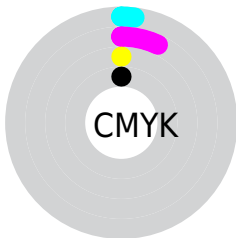
# Distribution



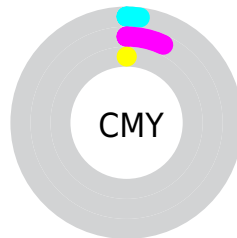
- Red (98%)
- Green (93%)
- Blue (100%)



- Red (98%)
- Yellow (93%)
- Blue (100%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (7%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 242.9390, 5.9461, 6.1925 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 242.9390, 5.9461, 6.1925 by changing the saturation by 10% instead.





 242.9390, 5.9461,  
6.1925

 242.9390, 5.9461,  
6.1925


255.0000, 0.0000,  
0.0000


 214.5260, 5.6567,  
5.6777

 186.8250, 5.5093,  
6.2925

 159.5260, 5.6567,  
5.6777

 133.5260, 5.6567,  
5.6777

 108.1130, 5.3673,  
5.1629

 83.9990, 4.9305,  
5.2629

 60.7000, 5.0779,

4.6481

■ 39.1730, 4.3517,  
4.2333

■ 17.8850, 4.4937,  
5.3629

■ 242.9390, 5.9461,  
6.1925

■ 242.9390, 5.9461,  
6.1925

■ 226.1710, 14.2127,  
14.7590

255.0000, 0.0000,  
0.0000

■ 208.8160, 22.7687,  
23.8404

■ 192.0480, 31.0353,  
32.4069

■ 174.6930, 39.5914,  
41.4882

■ 157.9250, 47.8580,  
50.0548

■ 140.2710, 56.5614,  
58.5213

■ 122.9160, 65.1174,  
67.6027

■ 106.1480, 73.3840,  
76.1692

■ 89.3800, 81.6507,  
84.7357

# Harmonies

## Analogous

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



241.1120, 6.8468, -2.7292



242.9390, 5.9461, 6.1925



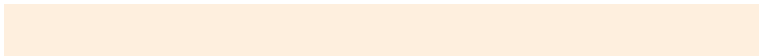
242.2340, 1.8566, 11.1958

# Triad

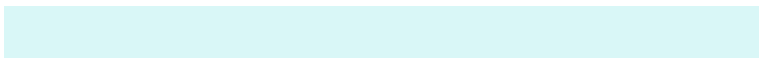
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9390, 5.9461, 6.1925



241.5470, -9.6367, 10.9213



238.0300, 4.4222, -18.4433

# Complementary

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



242.9390, 5.9461, 6.1925



249.0610, -5.9461, -6.1925

# 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.



238.2710, -1.1196, -14.2697



242.9390, 5.9461, 6.1925



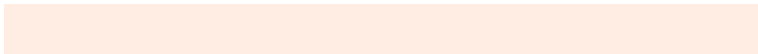
240.3180, -9.0308, 3.2291

# Square

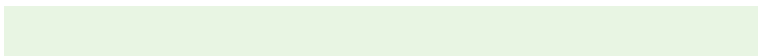
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



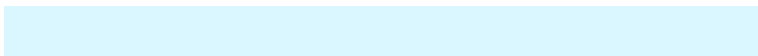
242.9390, 5.9461, 6.1925



240.6550, -6.7319, 12.5806



239.0610, -5.9461, -6.1925



238.6540, 8.0586, -18.1136



# Rectangle

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



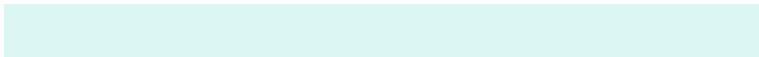
242.9390, 5.9461, 6.1925



241.4360, -1.2009, 11.8956



239.0610, -5.9461, -6.1925



237.8730, 2.5276, -17.4286

# Sweetspot

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



242.9390, 5.9461, 6.1925



251.7660, 1.5944, 1.9592



241.9870, 6.4154, -4.3736



125.9400, 1.0156, 0.9296



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.



242.9390, 5.9461, 6.1925



241.4660, 6.6723, 6.6073



243.9780, 3.4618, 9.6663



119.1730, 4.3517, 4.2333



63.0360, 63.0863, 65.7434



21.0500, 21.1744, 21.8811



# Inverse Universe

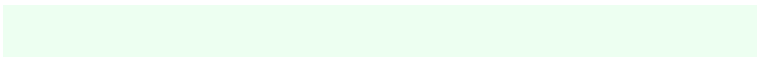
The Inverse Universe completely reimagines the original color for something new.



242.9520, -0.4693, 10.5661



241.5500, -0.7642, 11.7956



248.0220, -3.4618, -9.6663



119.2290, -0.6059, 7.6922



63.1510, -5.0044, 112.1236

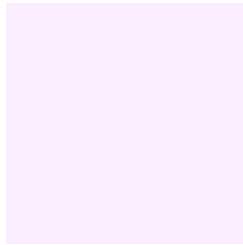


21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 242.9390, 5.9461, 6.1925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

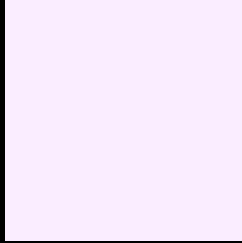
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.9390, 5.9461, 6.1925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

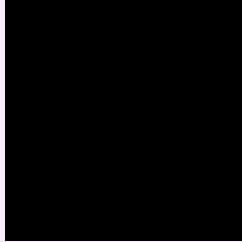
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

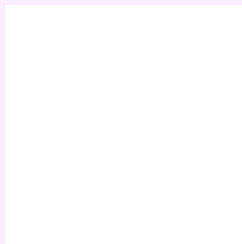
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 242.9390, 5.9461, 6.1925

## Background



This preview shows how black text looks on a background with the YUV color 242.9390, 5.9461, 6.1925.



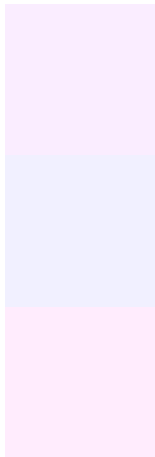
This preview shows how white text looks on a background with the YUV color 242.9390, 5.9461,

6.1925.

# 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

242.9390, 5.9461, 6.1925

### Protanopia

242.0090, 6.4046, -0.8849

### Deuteranopia

243.6190, 4.6248, 9.9811



## **Tritanopia**

242.9390, 5.9461, 6.1925

# Trichromacy



## Original Color

242.9390, 5.9461, 6.1925

## Protanomaly

242.3190, 6.2517, 1.4742

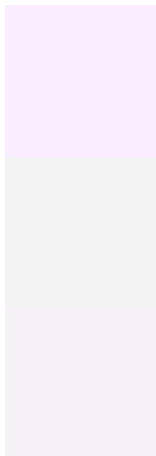
## Deuteranomaly

243.1350, 5.3564, 8.6516

## Tritanomaly

242.9390, 5.9461, 6.1925

# Monochromacy



## Original Color

242.9390, 5.9461, 6.1925

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

243.1790, 1.8838, 2.4740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.9390, 5.9461, 6.1925 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 255)  
}
```

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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 255) }
```

## Border

The CSS property to change the border of an element to YUV 242.9390, 5.9461, 6.1925 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, 237, 255) }
```



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

```
.border{ border-color:rgb(250, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 242.9390, 5.9461, 6.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 255) }
```

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

```
.background{ background-color: rgb(250,  
237, 255) }
```

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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