

# Converting Colors

YUV(240.9730, 0.9993, 6.1627)

Have a look what the booklet for  
YUV(240.9730, 0.9993, 6.1627)  
contains.

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# Color

**YUV(240.9730, 0.9993,  
6.1627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8EDF3
RGB	248, 237, 243
RGB Percent	97%, 93%, 95%
CMY	0.0275, 0.0706, 0.0471
CMYK	0.00, 0.04, 0.02, 0.03
HSL	327°, 44%, 95%
HSV	327°, 4%, 97%
XYZ	85.1732, 86.9959, 97.0968
YIQ	240.9730, 4.6300, 4.1980

# Conversions

## Conversions Part 2

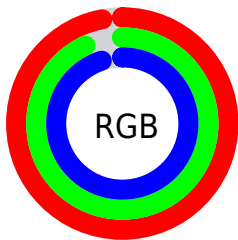
Format	Color
R <sub>Y</sub> B	248, 237, 243
Decimal	16313843
CIE Lab	94.74, 4.74, -1.58
CIE LCh	95, 4.994, 341.540
Yxy	86.9959, 0.3163, 0.3231
Android (android.graphics.Color)	4294503923 (0xFF F8 ED F3)
YUV	240.9730, 0.9993, 6.1627
Hunter-Lab	93.2716, -0.2236, 3.5685

# Details

The YUV color  $240.9730, 0.9993, 6.1627$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $244.0270, -0.9993, -6.1627$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $184.9730, 0.9993, 6.1627$  is the 20% darker color. If you saturate the color by 10%, you get  $225.0440, 3.4293, 20.1324$ , and if you desaturate by 10%, it is  $252.7930, 0.5951, -4.2035$ .

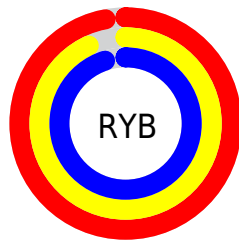
# Distribution



Red (97%)

Green (93%)

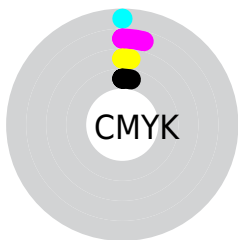
Blue (95%)



Red (97%)

Yellow (93%)

Blue (95%)

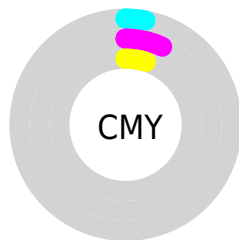


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (3%)



Cyan (3%)

Magenta (7%)


Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 240.9730, 0.9993, 6.1627 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 240.9730, 0.9993, 6.1627 by changing the saturation by 10% instead.




 240.9730, 0.9993,  
6.1627

 240.9730, 0.9993,  
6.1627

255.0000, 0.0000,  
0.0000


 212.6740, 1.1467,  
5.5479


 184.9730, 0.9993,  
6.1627

 157.9730, 0.9993,  
6.1627

 131.6740, 1.1467,  
5.5479

 106.6740, 1.1467,  
5.5479

 82.2610, 0.8573,  
5.0331

 59.2610, 0.8573,

5.0331

■ 37.8480, 0.5679,  
4.5183

■ 16.6740, 1.1467,  
5.5479

■ 240.9730, 0.9993,  
6.1627

■ 240.9730, 0.9993,  
6.1627

■ 225.0440, 3.4293,  
20.1324

■ 252.7930, 0.5951,  
-4.2035

■ 209.0010, 5.4225,  
34.2021

■ 252.9070, 1.0318,  
-4.3034

■ 193.6590, 7.5631,  
47.6571

■ 177.7300, 9.9931,  
61.6268

■ 161.8010, 12.4231,  
75.5965

■ 145.7580, 14.4163,  
89.6662

■ 129.8290, 16.8463,  
103.6360

■ 114.4870, 18.9869,  
117.0909

■ 98.5580, 21.4169,  
131.0606

# Harmonies

## Analogous

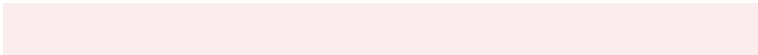
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.5210, 3.1941, 2.1741



240.9730, 0.9993, 6.1627



241.3000, -1.6269, 8.5069

# Triad

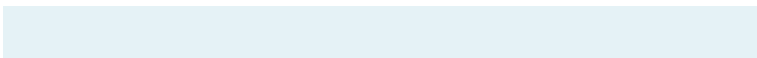
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9730, 0.9993, 6.1627



239.4580, -4.6628, 2.2293



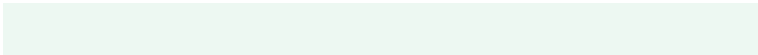
238.5690, 3.6635, -8.3920

# Complementary

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



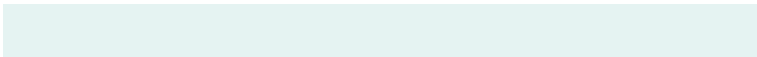
240.9730, 0.9993, 6.1627



244.0270, -0.9993, -6.1627

# 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.



238.7000, 1.6269, -8.5069



240.9730, 0.9993, 6.1627



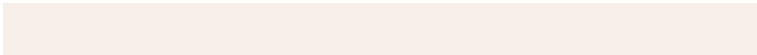
239.1800, -3.0467, -2.7889

# Square

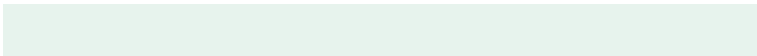
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



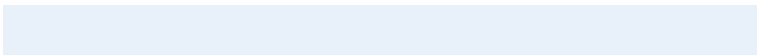
240.9730, 0.9993, 6.1627



240.4800, -4.6736, 5.7180



238.7280, -0.8519, -6.7775

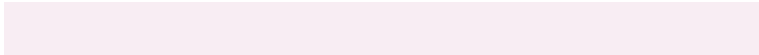


239.2210, 4.8210, -6.3328

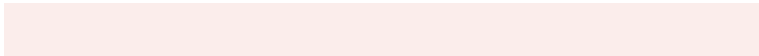


# Rectangle

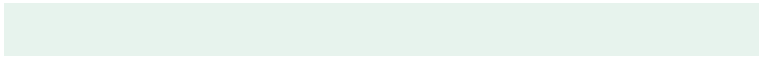
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



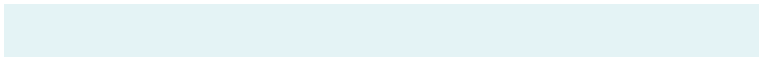
240.9730, 0.9993, 6.1627



240.9580, -2.9373, 8.8068



238.7280, -0.8519, -6.7775



238.7430, 3.0847, -9.4216

# Sweetspot

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



240.9730, 0.9993, 6.1627



253.1250, 0.4314, 1.6444



239.7490, 4.0677, 1.9741



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000

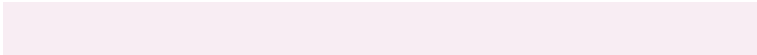


128.0000, 0.0000, 0.0000



# Same Dimension

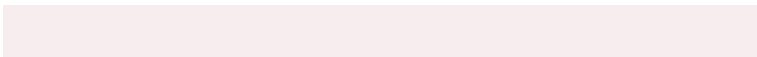
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9730, 0.9993, 6.1627



246.6850, 1.1413, 7.2923



240.4030, -1.1847, 6.6626



119.9620, 1.0047, 4.4183



68.2530, 17.1303, 105.8951



22.0010, 5.4225, 34.2021



# Inverse Universe

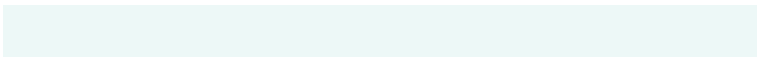
The Inverse Universe completely reimagines the original color for something new.



240.9730, 0.9993, 6.1627



246.6850, 1.1413, 7.2923



244.5970, 1.1847, -6.6626



119.9620, 1.0047, 4.4183



68.2530, 17.1303, 105.8951

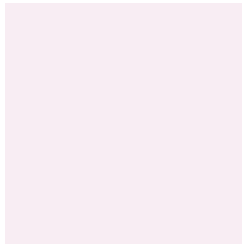


22.0010, 5.4225, 34.2021



# Previews

## White Background



This preview shows how the YUV color 240.9730, 0.9993, 6.1627 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

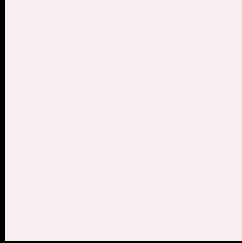
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.9730, 0.9993, 6.1627 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

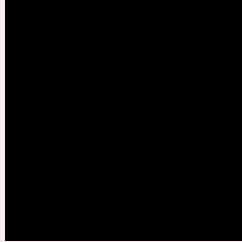
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

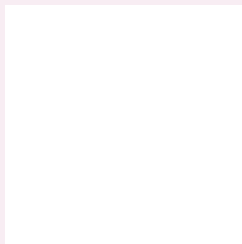
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 240.9730, 0.9993, 6.1627

## Background



This preview shows how black text looks on a background with the YUV color 240.9730, 0.9993, 6.1627.



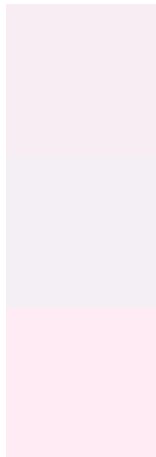
This preview shows how white text looks on a background with the YUV color 240.9730, 0.9993,

6.1627.

# 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

240.9730, 0.9993, 6.1627

### Protanopia

240.7660, 1.5944, 1.9592

### Deuteranopia

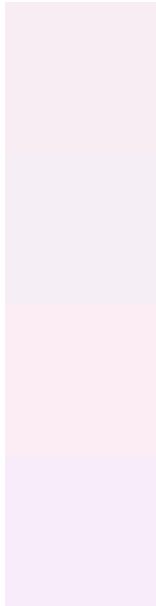
241.8920, 0.5462, 11.4957



## **Tritanopia**

241.6510, 6.0881, 7.3221

# Trichromacy



## Original Color

240.9730, 0.9993, 6.1627

## Protanomaly

240.7770, 1.5889, 3.7036

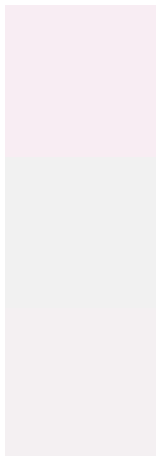
## Deuteranomaly

241.5820, 0.6991, 9.1366

## Tritanomaly

241.4830, 4.1989, 6.5924

# Monochromacy



## Original Color

240.9730, 0.9993, 6.1627

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

241.4240, 0.2840, 2.2592

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.9730, 0.9993, 6.1627 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, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 243)  
}
```

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, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 243) }
```

## Border

The CSS property to change the border of an element to YUV 240.9730, 0.9993, 6.1627 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, 237, 243) }
```



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

```
.border{ border-color:rgb(248, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 240.9730, 0.9993, 6.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 243) }
```

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

```
.background{ background-color: rgb(248,  
237, 243) }
```

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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