

# Converting Colors

YUV(240.9870, 6.4154, -4.3736)

Have a look what the booklet for  
YUV(240.9870, 6.4154, -4.3736)  
contains.

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# Color

**YUV(240.9870, 6.4154,  
-4.3736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF1FE
RGB	236, 241, 254
RGB Percent	93%, 95%, 100%
CMY	0.0745, 0.0549, 0.0039
CMYK	0.07, 0.05, 0.00, 0.00
HSL	223°, 90%, 96%
HSV	223°, 7%, 100%
XYZ	83.9368, 87.8992, 106.3082
YIQ	240.9870, -7.1530, 2.9830

# Conversions

## Conversions Part 2

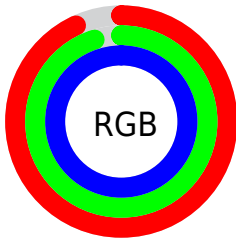
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 240, 254
Decimal	15528446
CIE Lab	95.12, 0.75, -6.83
CIE LCh	95, 6.868, 276.239
Yxy	87.8992, 0.3018, 0.3160
Android (android.graphics.Color)	4293718526 (0xFFECEF1FE)
YUV	240.9870, 6.4154, -4.3736
Hunter-Lab	93.7546, -4.2627, -1.6007

# Details

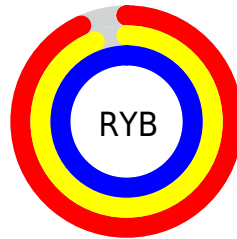
The YUV color  $240.9870, 6.4154, -4.3736$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $249.0130, -6.4154, 4.3736$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $184.8730, 5.9786, -4.2736$  is the 20% darker color. If you saturate the color by 10%, you get  $222.9460, 15.3096, -10.4766$ , and if you desaturate by 10%, it is  $254.8860, -0.4368, 0.1000$ .

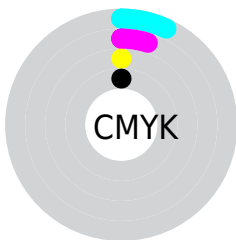
# Distribution



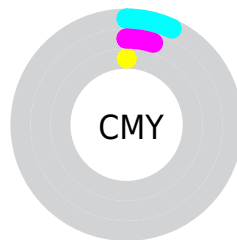
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (94%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 240.9870, 6.4154, -4.3736 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 240.9870, 6.4154, -4.3736 by changing the saturation by 10% instead.



240.9870, 6.4154,  
-4.3736

240.9870, 6.4154,  
-4.3736

255.0000, 0.0000,  
0.0000

212.8730, 5.9786,  
-4.2736

184.8730, 5.9786,  
-4.2736

157.8730, 5.9786,  
-4.2736

131.8730, 5.9786,  
-4.2736

106.7590, 5.5418,  
-4.1736

82.6450, 5.1050,  
-4.0737

59.6450, 5.1050,

-4.0737

■ 37.8300, 4.5208,  
-3.3589

■ 16.6450, 5.1050,  
-4.0737

■ 240.9870, 6.4154,  
-4.3736

■ 240.9870, 6.4154,  
-4.3736

■ 222.9460, 15.3096,  
-10.4766

254.8860, -0.4368,  
0.1000

■ 204.0190, 24.6406,  
-16.6797

■ 185.9780, 33.5348,  
-22.7827

■ 167.6380, 42.5765,  
-29.5005

■ 149.0100, 51.7601,  
-35.0888

■ 130.9690, 60.6543,  
-41.1918

■ 112.6290, 69.6959,  
-47.9096

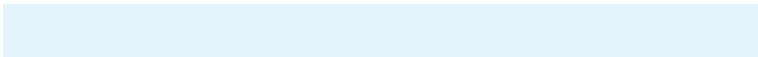
■ 94.0010, 78.8795,  
-53.4979

■ 75.6610, 87.9211,  
-60.2157

# Harmonies

## Analogous

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



239.9540, 6.4317, -9.6067



240.9870, 6.4154, -4.3736



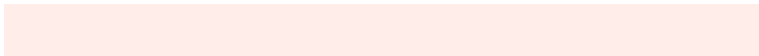
241.9770, 4.9413, 1.7742

# Triad

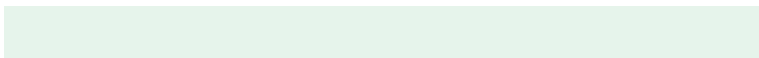
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9870, 6.4154, -4.3736



241.9260, -4.4005, 11.4659



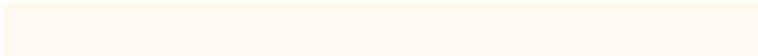
238.7880, -1.8675, -7.7071

# Complementary

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



240.9870, 6.4154, -4.3736



249.0130, -6.4154, 4.3736

# 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.



240.0230, -4.9413, -1.7742



240.9870, 6.4154, -4.3736



241.7470, -6.2843, 8.9919

# Square

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



240.9870, 6.4154, -4.3736



242.7240, -1.3429, 10.7661



240.7140, -6.2680, 3.7588



238.9770, 1.4903, -11.3808



# Rectangle

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



240.9870, 6.4154, -4.3736



242.4290, 2.7465, 5.7628



240.7140, -6.2680, 3.7588



239.4570, -3.1833, -5.6628

# Sweetspot

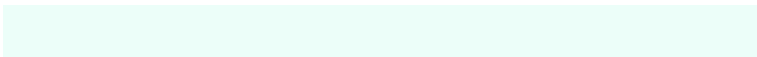
The Sweet Spot groups the original color and five complimentary colors.



240.9870, 6.4154, -4.3736



251.1570, 1.8946, -1.0147



248.0480, 0.4693, -10.5661



125.9290, 1.0210, -0.8147



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.



240.9870, 6.4154, -4.3736



238.1440, 8.3100, -5.3883



239.2480, 7.2727, 0.6595



118.2430, 4.8102, -2.8441



52.8850, 68.0907, -46.3801



17.8620, 22.7460, -15.6650

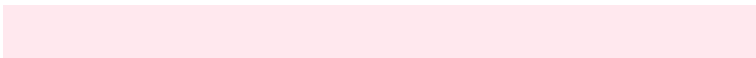


# Inverse Universe

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



241.9520, -0.4693, 10.5661



239.5610, -0.7696, 13.5400



250.7520, -7.2727, -0.6595



119.2290, -0.6059, 7.6922



63.1510, -5.0044, 112.1236

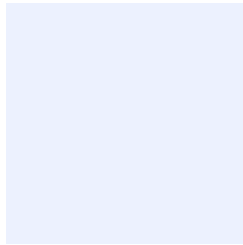


21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 240.9870, 6.4154, -4.3736 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

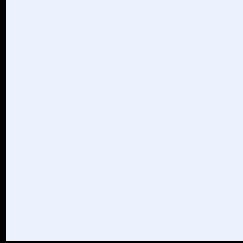
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.9870, 6.4154, -4.3736 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

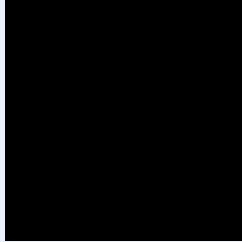
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

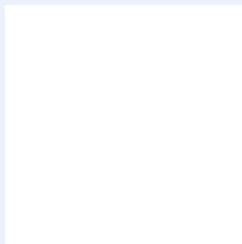
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 240.9870, 6.4154, -4.3736

## Background



This preview shows how black text looks on a background with the YUV color 240.9870, 6.4154, -4.3736.



This preview shows how white text looks on a background with the YUV color 240.9870, 6.4154, -4.3736.

-4.3736.

# 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

240.9870, 6.4154, -4.3736

### Protanopia

241.4930, 5.6730, 0.4446

### Deuteranopia

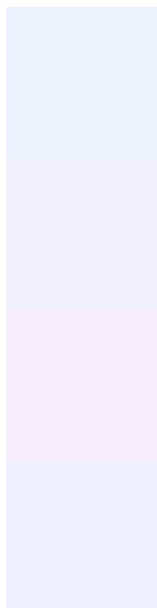
243.0320, 4.9142, 10.4959



## Tritanopia

241.1120, 6.8468, -2.7292

# Trichromacy



## Original Color

240.9870, 6.4154, -4.3736

## Protanomaly

241.4820, 5.6784, -1.2997

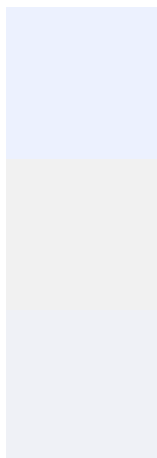
## Deuteranomaly

242.1130, 5.3673, 5.1629

## Tritanomaly

240.8130, 6.9942, -3.3440

# Monochromacy



## Original Color

240.9870, 6.4154, -4.3736

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

240.9720, 2.4788, -1.7294

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.9870, 6.4154, -4.3736 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(236, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 241, 254)  
}
```

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(236, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 241, 254) }
```

## Border

The CSS property to change the border of an element to YUV 240.9870, 6.4154, -4.3736 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(236, 241, 254) }
```



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

```
.border{ border-color:rgb(236, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 241, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 241, 254); box-shadow:4px 4px 4px 4px rgb(236, 241, 254) }
```

# Background

The CSS property to change the background color of an element to YUV 240.9870, 6.4154, -4.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 241, 254) }
```

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

```
.background{ background-color: rgb(236,  
241, 254) }
```

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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