

# Converting Colors

YUV(240.2430, 4.8102, -2.8441)

Have a look what the booklet for  
YUV(240.2430, 4.8102, -2.8441)  
contains.

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# Color

**YUV(240.2430, 4.8102,  
-2.8441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDF0FA
RGB	237, 240, 250
RGB Percent	93%, 94%, 98%
CMY	0.0706, 0.0588, 0.0196
CMYK	0.05, 0.04, 0.00, 0.02
HSL	226°, 57%, 95%
HSV	226°, 5%, 98%
XYZ	83.3405, 87.2268, 102.8864
YIQ	240.2430, -4.9980, 2.4740

# Conversions

## Conversions Part 2

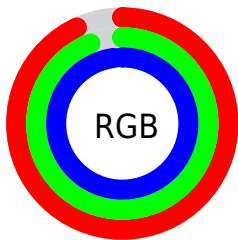
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 239, 250
Decimal	15593722
CIE Lab	94.83, 0.83, -5.17
CIE LCh	95, 5.232, 279.152
Yxy	87.2268, 0.3048, 0.3190
Android (android.graphics.Color)	4293783802 (0xFFEDF0FA)
YUV	240.2430, 4.8102, -2.8441
Hunter-Lab	93.3953, -4.1589, 0.0615

# Details

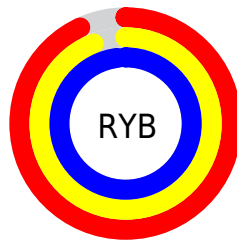
The YUV color `240.2430, 4.8102, -2.8441` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.7570, -4.8102, 2.8441`, and the grayscale version is `240.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.2430, 4.8102, -2.8441` is the 20% darker color. If you saturate the color by 10%, you get `221.6150, 13.9938, -8.4324`, and if you desaturate by 10%, it is `254.4300, -2.1840, 0.4999`.

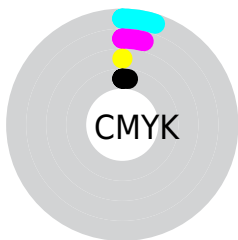
# Distribution



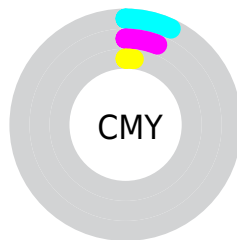
- Red (93%)
- Green (94%)
- Blue (98%)



- Red (93%)
- Yellow (94%)
- Blue (98%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (6%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 240.2430, 4.8102, -2.8441 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 240.2430, 4.8102, -2.8441 by changing the saturation by 10% instead.



■ 240.2430, 4.8102,  
-2.8441

■ 240.2430, 4.8102,  
-2.8441

255.0000, 0.0000,  
0.0000

■ 212.1290, 4.3734,  
-2.7441

■ 184.2430, 4.8102,  
-2.8441

■ 157.1290, 4.3734,  
-2.7441

■ 131.1290, 4.3734,  
-2.7441

■ 106.1290, 4.3734,  
-2.7441

■ 82.0150, 3.9366,  
-2.6442

■ 59.0150, 3.9366,

-2.6442

■ 37.3140, 3.7892,  
-2.0294

■ 16.3140, 3.7892,  
-2.0294

■ 240.2430, 4.8102,  
-2.8441

■ 240.2430, 4.8102,  
-2.8441

■ 221.6150, 13.9938,  
-8.4324

■ 254.4300, -2.1840,  
0.4999

■ 202.9870, 23.1774,  
-14.0206

■ 183.7720, 32.6504,  
-19.0940

■ 165.1440, 41.8340,  
-24.6823

■ 146.5160, 51.0176,  
-30.2705

■ 127.8880, 60.2012,  
-35.8588

■ 108.6730, 69.6742,  
-40.9322

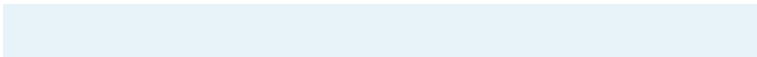
■ 90.0450, 78.8578,  
-46.5205

■ 71.4170, 88.0414,  
-52.1087

# Harmonies

## Analogous

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



239.8080, 4.5317, -6.8476



240.2430, 4.8102, -2.8441



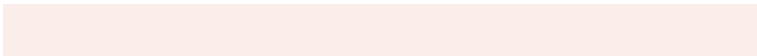
240.6350, 3.6309, 2.0741

# Triad

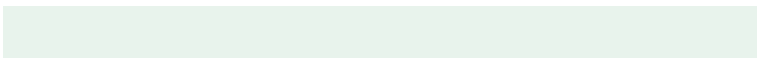
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.2430, 4.8102, -2.8441



240.8440, -3.3741, 8.9068



238.9130, -1.4361, -6.0627

# Complementary

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



240.2430, 4.8102, -2.8441



246.7570, -4.8102, 2.8441

# Split Complementary

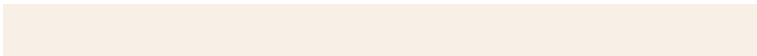
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.3650, -3.6309, -2.0741



240.2430, 4.8102, -2.8441



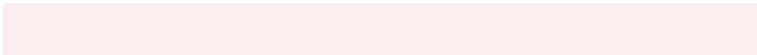
240.7790, -4.8210, 6.3328

# Square

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



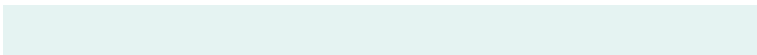
240.2430, 4.8102, -2.8441



241.4140, -1.1901, 8.4069



239.7570, -4.8102, 2.8441



238.7000, 1.6269, -8.5069



# Rectangle

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



240.2430, 4.8102, -2.8441



241.4890, 1.7309, 4.8331



239.7570, -4.8102, 2.8441



239.0980, -2.0203, -5.3479

# Sweetspot

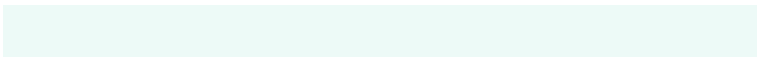
The Sweet Spot groups the original color and five complimentary colors.



240.2430, 4.8102, -2.8441



251.1570, 1.8946, -1.0147



245.7710, 0.6059, -7.6922



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.



240.2430, 4.8102, -2.8441



243.4710, 5.6838, -3.0441



239.3790, 5.2362, 0.5446



118.2000, 3.3524, -1.9294



47.3740, 69.8216, -41.5470

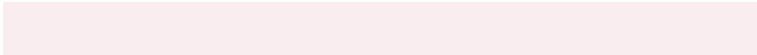


15.1720, 22.5932, -13.3058



# Inverse Universe

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



241.2290, -0.6059, 7.6922



244.8270, -0.9007, 8.9217



247.6210, -5.2362, -0.5446



118.9190, -0.4531, 5.3330



61.5270, -8.6408, 111.7938

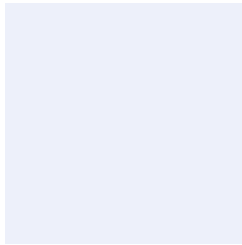


19.8350, -2.8767, 36.1017



# Previews

## White Background



This preview shows how the YUV color 240.2430, 4.8102, -2.8441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

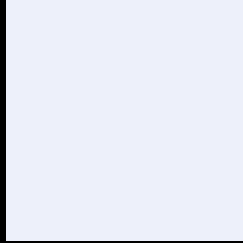
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.2430, 4.8102, -2.8441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

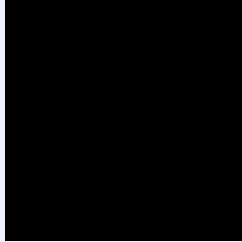
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

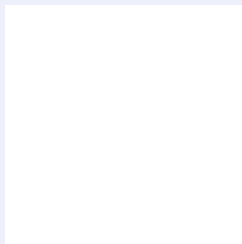
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 240.2430, 4.8102, -2.8441

## Background



This preview shows how black text looks on a background with the YUV color 240.2430, 4.8102, -2.8441.



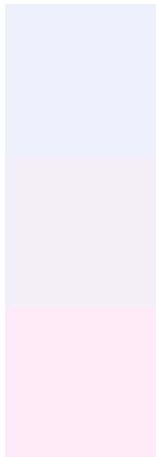
This preview shows how white text looks on a background with the YUV color 240.2430, 4.8102,

-2.8441.

# 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

240.2430, 4.8102, -2.8441

### Protanopia

241.0370, 3.9258, 0.8446

### Deuteranopia

241.9890, 3.4564, 11.4106



## Tritanopia

240.8240, 6.9888, -1.5996

# Trichromacy



## Original Color

240.2430, 4.8102, -2.8441

## Protanomaly

240.4390, 4.2206, -0.3850

## Deuteranomaly

241.0700, 3.9095, 6.0776

## Tritanomaly

240.2970, 6.2626, -2.0145

# Monochromacy



## Original Color

240.2430, 4.8102, -2.8441

## Achromatopsia

240.0000, 0.0000, 0.0000

## Achromatomaly

240.1570, 1.8946, -1.0147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.2430, 4.8102, -2.8441 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(237, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 250)  
}
```

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(237, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 250) }
```

## Border

The CSS property to change the border of an element to YUV 240.2430, 4.8102, -2.8441 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(237, 240, 250) }
```



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

```
.border{ border-color:rgb(237, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 240.2430, 4.8102, -2.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 250) }
```

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

```
.background{ background-color: rgb(237,  
240, 250) }
```

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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