

# Converting Colors

YUV(241.7650, 3.0739, -5.9329)

Have a look what the booklet for  
YUV(241.7650, 3.0739, -5.9329)  
contains.

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# Color

**YUV(241.7650, 3.0739,  
-5.9329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF4F8
RGB	235, 244, 248
RGB Percent	92%, 96%, 97%
CMY	0.0784, 0.0431, 0.0275
CMYK	0.05, 0.02, 0.00, 0.03
HSL	198°, 48%, 95%
HSV	198°, 5%, 97%
XYZ	83.5549, 89.1408, 101.6090
YIQ	241.7650, -6.6480, -0.6640

# Conversions

## Conversions Part 2

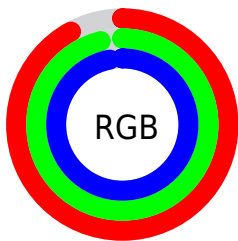
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 240, 248
Decimal	15463672
CIE Lab	95.64, -2.23, -2.96
CIE LCh	96, 3.706, 233.063
Yxy	89.1408, 0.3046, 0.3250
Android (android.graphics.Color)	4293653752 (0xFFEBF4F8)
YUV	241.7650, 3.0739, -5.9329
Hunter-Lab	94.4144, -7.2563, 2.2821

# Details

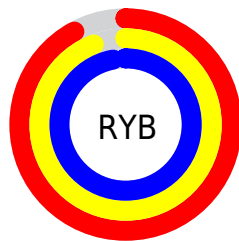
The YUV color `241.7650, 3.0739, -5.9329` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `241.2350, -3.0739, 5.9329`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `185.7650, 3.0739, -5.9329` is the 20% darker color. If you saturate the color by 10%, you get `229.5940, 9.0742, -17.1839`, and if you desaturate by 10%, it is `252.4410, -2.1894, 2.2442`.

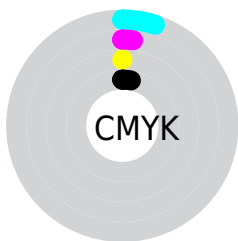
# Distribution



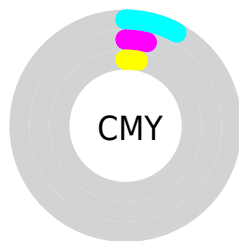
- Red (92%)
- Green (96%)
- Blue (97%)



- Red (92%)
- Yellow (94%)
- Blue (97%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.7650, 3.0739, -5.9329 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 241.7650, 3.0739, -5.9329 by changing the saturation by 10% instead.



241.7650, 3.0739,  
-5.9329

241.7650, 3.0739,  
-5.9329

255.0000, 0.0000,  
0.0000

213.6510, 2.6371,  
-5.8329

185.7650, 3.0739,  
-5.9329

158.7650, 3.0739,  
-5.9329

132.9500, 2.4897,  
-5.2181

107.3630, 2.7790,  
-4.7034

83.2490, 2.3422,  
-4.6034

60.2490, 2.3422,

-4.6034

■ 38.2490, 2.3422,  
-4.6034

■ 17.6510, 2.6371,  
-5.8329

■ 241.7650, 3.0739,  
-5.9329

■ 241.7650, 3.0739,  
-5.9329

■ 229.5940, 9.0742,  
-17.1839

■ 252.4410, -2.1894,  
2.2442

■ 218.0100, 14.7851,  
-28.9498

■ 254.2020, -3.0576,  
0.6998

■ 206.1380, 20.6380,  
-39.5860

■ 193.9670, 26.6383,  
-50.8371

■ 182.3830, 32.3492,  
-62.6029

■ 170.2120, 38.3495,  
-73.8539

■ 158.6280, 44.0604,  
-85.6198

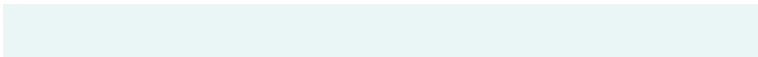
■ 146.7560, 49.9133,  
-96.2560

■ 134.5850, 55.9136,  
-107.5070

# Harmonies

## Analogous

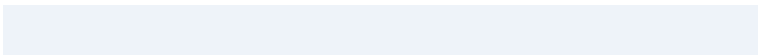
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7110, 1.6215, -6.7625



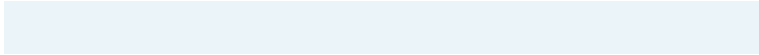
241.7650, 3.0739, -5.9329



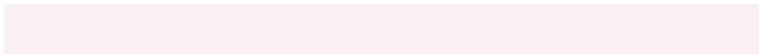
242.1890, 3.3578, -3.6738

# Triad

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



241.7650, 3.0739, -5.9329



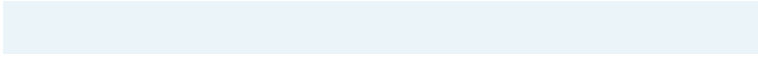
243.0330, -0.0163, 5.2331



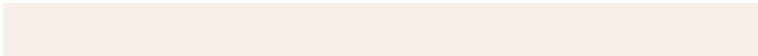
241.9030, -2.9102, 0.0851

# Complementary

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



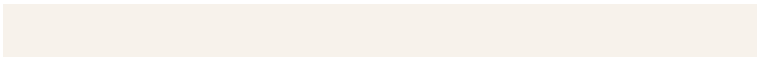
241.7650, 3.0739, -5.9329



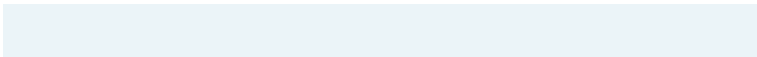
241.2350, -3.0739, 5.9329

# Split Complementary

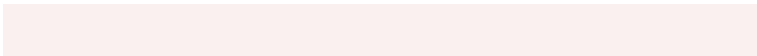
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6970, -3.7946, 3.7737



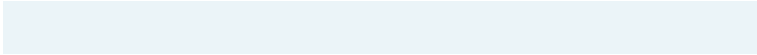
241.7650, 3.0739, -5.9329



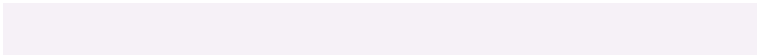
243.2890, -1.6215, 6.7625

# Square

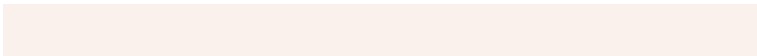
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



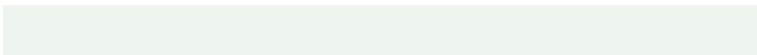
241.7650, 3.0739, -5.9329



243.1790, 1.8838, 2.4740



243.2350, -3.0739, 5.9329

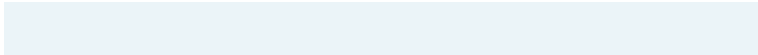


241.5220, -1.7363, -3.0888



# Rectangle

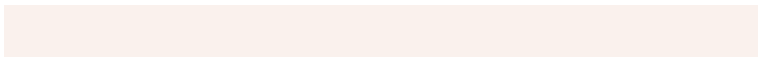
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.7650, 3.0739, -5.9329



242.4990, 3.2050, -1.3146



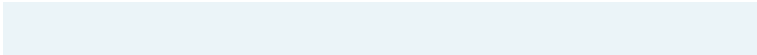
243.2350, -3.0739, 5.9329



242.3870, -3.6418, 1.4146

# Sweetspot

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



241.7650, 3.0739, -5.9329



252.3310, 1.3158, -2.0443



243.0870, -2.0149, -7.0923



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000

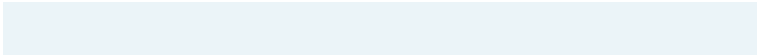


128.0000, 0.0000, 0.0000

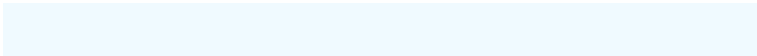


# Same Dimension

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



241.7650, 3.0739, -5.9329



247.5800, 3.6581, -6.6477



238.2430, 4.8102, -2.8441



120.5480, 2.1948, -3.9886



98.4430, 44.6446, -86.3345



31.6080, 14.4903, -27.7202



# Inverse Universe

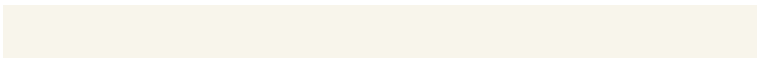
The Inverse Universe completely reimagines the original color for something new.



239.9130, 2.0149, 7.0923



245.6250, 2.1569, 8.2219



244.7570, -4.8102, 2.8441



119.3750, 1.2941, 4.9331



71.4450, 29.3606, 103.0957

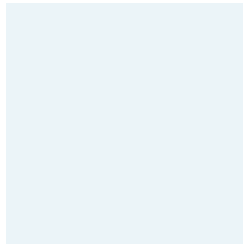


23.0270, 9.3537, 33.3023



# Previews

## White Background



This preview shows how the YUV color 241.7650, 3.0739, -5.9329 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

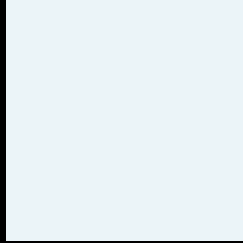
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.7650, 3.0739, -5.9329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

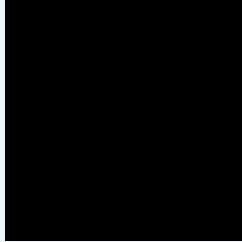
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

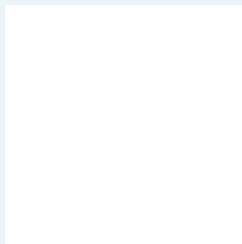
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.7650, 3.0739, -5.9329

## Background



This preview shows how black text looks on a background with the YUV color 241.7650, 3.0739, -5.9329.



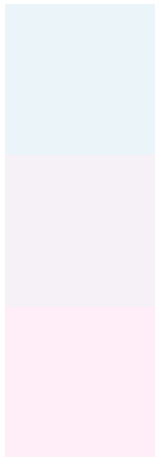
This preview shows how white text looks on a background with the YUV color 241.7650, 3.0739, -5.9329.

-5.9329.

# 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

241.7650, 3.0739, -5.9329

### Protanopia

242.7660, 1.5944, 1.9592

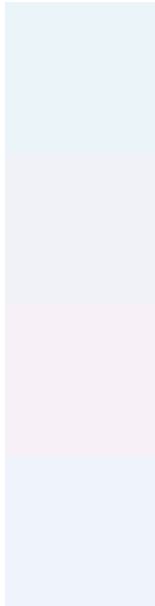
### Deuteranopia

244.1090, 1.4253, 9.5514

## **Tritanopia**

242.5850, 6.1206, -3.1440

# Trichromacy



## Original Color

241.7650, 3.0739, -5.9329

## Protanomaly

242.2710, 2.3314, -1.1147

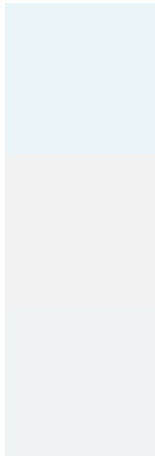
## Deuteranomaly

243.1900, 1.8783, 4.2184

## Tritanomaly

242.5310, 4.6682, -3.9737

# Monochromacy



## Original Color

241.7650, 3.0739, -5.9329

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

241.9180, 1.0264, -2.5591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.7650, 3.0739, -5.9329 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(235, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 248)  
}
```

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(235, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 248) }
```

## Border

The CSS property to change the border of an element to YUV 241.7650, 3.0739, -5.9329 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(235, 244, 248) }
```



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

```
.border{ border-color:rgb(235, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 241.7650, 3.0739, -5.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 248) }
```

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

```
.background{ background-color: rgb(235,  
244, 248) }
```

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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