

# Converting Colors

YUV(239.8130, 6.9942, -3.3440)

Have a look what the booklet for  
YUV(239.8130, 6.9942, -3.3440)  
contains.

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# Color

**YUV(239.8130, 6.9942,  
-3.3440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECEFFE
RGB	236, 239, 254
RGB Percent	93%, 94%, 100%
CMY	0.0745, 0.0627, 0.0039
CMYK	0.07, 0.06, 0.00, 0.00
HSL	230°, 90%, 96%
HSV	230°, 7%, 100%
XYZ	83.3480, 86.7216, 106.1120
YIQ	239.8130, -6.6030, 4.0290

# Conversions

## Conversions Part 2

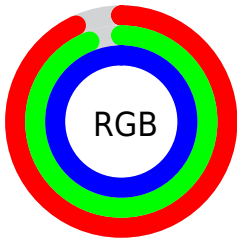
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 239, 254
Decimal	15527934
CIE <sub>Lab</sub>	94.62, 1.77, -7.56
CIE <sub>LCh</sub>	95, 7.769, 283.174
Y <sub>xy</sub>	86.7216, 0.3018, 0.3140
Android (android.graphics.Color)	4293718014 (0xFFECEFFE)
YUV	239.8130, 6.9942, -3.3440
Hunter-Lab	93.1244, -3.2072, -2.3717

# Details

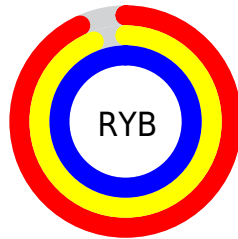
The YUV color  $239.8130, 6.9942, -3.3440$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $250.1870, -6.9942, 3.3440$ , and the grayscale version is  $240.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $183.6990, 6.5574, -3.2440$  is the 20% darker color. If you saturate the color by 10%, you get  $220.0110, 16.7566, -7.9026$ , and if you desaturate by 10%, it is  $254.8860, -0.4368, 0.1000$ .

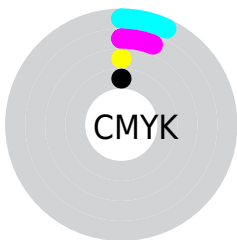
# Distribution



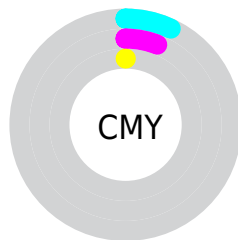
- Red (93%)
- Green (94%)
- Blue (100%)



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



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.8130, 6.9942, -3.3440 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 239.8130, 6.9942, -3.3440 by changing the saturation by 10% instead.



■ 239.8130, 6.9942,  
-3.3440

■ 239.8130, 6.9942,  
-3.3440

255.0000, 0.0000,  
0.0000

■ 211.6990, 6.5574,  
-3.2440

■ 183.6990, 6.5574,  
-3.2440

■ 156.6990, 6.5574,  
-3.2440

■ 130.6990, 6.5574,  
-3.2440

■ 105.5850, 6.1206,  
-3.1440

■ 81.4710, 5.6838,  
-3.0441

■ 58.4710, 5.6838,

-3.0441

■ 37.2430, 4.8102,  
-2.8441

■ 15.7700, 5.5364,  
-2.4293

■ 239.8130, 6.9942,  
-3.3440

■ 239.8130, 6.9942,  
-3.3440

■ 220.0110, 16.7566,  
-7.9026

254.8860, -0.4368,  
0.1000

■ 199.9100, 26.6664,  
-13.0761

■ 179.5210, 36.7181,  
-17.1199

■ 159.4200, 46.6279,  
-22.2933

■ 139.6180, 56.3903,  
-26.8520

■ 119.8160, 66.1527,  
-31.4106

■ 99.7150, 76.0625,  
-36.5841

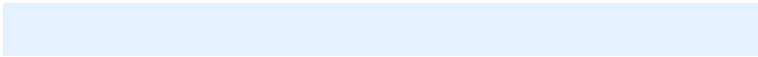
■ 79.9130, 85.8249,  
-41.1427

■ 59.2250, 96.0241,  
-45.8013

# Harmonies

## Analogous

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



238.5950, 7.5947, -9.2918



239.8130, 6.9942, -3.3440



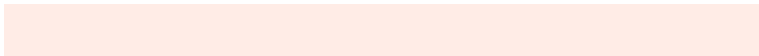
240.8740, 4.4991, 3.6185

# Triad

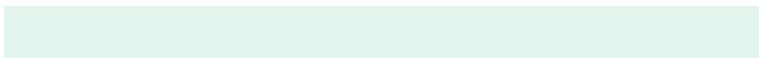
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.8130, 6.9942, -3.3440



240.9970, -5.4215, 12.2806



237.5920, -1.2779, -10.1662

# Complementary

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



239.8130, 6.9942, -3.3440



250.1870, -6.9942, 3.3440

# 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.



238.0120, -4.9359, -3.5185



239.8130, 6.9942, -3.3440



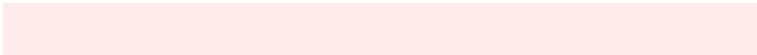
240.1060, -7.4473, 8.6770

# Square

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



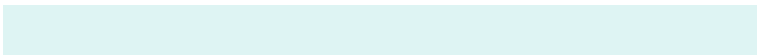
239.8130, 6.9942, -3.3440



241.0940, -2.5113, 12.1956



238.8880, -6.8468, 2.7292



237.3080, 2.8062, -13.4251



# Rectangle

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



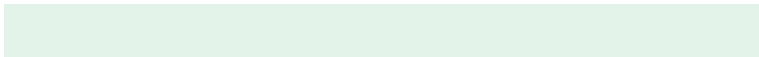
239.8130, 6.9942, -3.3440



240.7390, 2.5937, 8.1219



238.8880, -6.8468, 2.7292



237.3750, -2.1569, -8.2219

# Sweetspot

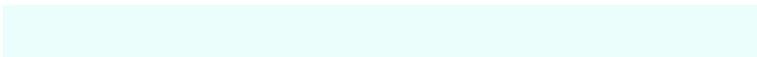
The Sweet Spot groups the original color and five complimentary colors.



239.8130, 6.9942, -3.3440



251.1570, 1.8946, -1.0147



248.2760, 1.3429, -10.7661



125.3420, 1.3104, -0.2999



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.



239.8130, 6.9942, -3.3440



236.9700, 8.8888, -4.3587



239.8460, 6.9779, 1.8891



117.6560, 5.0996, -2.3293



40.5580, 74.1679, -35.5694

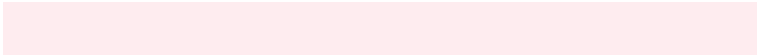


13.7530, 24.7718, -12.0614



# Inverse Universe

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



241.7240, -1.3429, 10.7661



239.3330, -1.6432, 13.7400



250.1540, -6.9779, -1.8891



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231

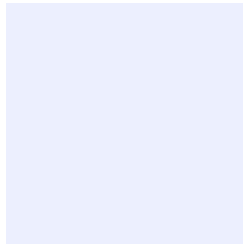


20.3900, -4.6293, 38.2460



# Previews

## White Background



This preview shows how the YUV color 239.8130, 6.9942, -3.3440 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

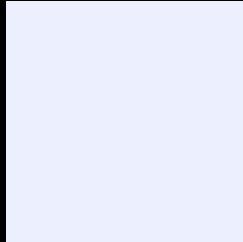
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.8130, 6.9942, -3.3440 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

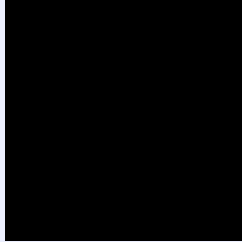
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 239.8130, 6.9942, -3.3440

## Background



This preview shows how black text looks on a background with the YUV color 239.8130, 6.9942, -3.3440.



This preview shows how white text looks on a background with the YUV color 239.8130, 6.9942, -3.3440.

-3.3440.

# 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

239.8130, 6.9942, -3.3440

### Protanopia

240.3080, 6.2572, -0.2701

### Deuteranopia

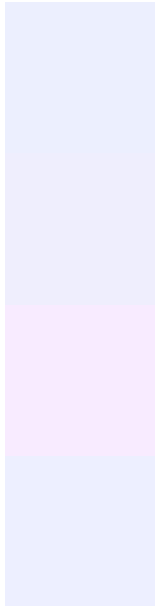
242.0860, 6.3666, 11.3256



## Tritanopia

240.2260, 7.2836, -2.8292

# Trichromacy



## Original Color

239.8130, 6.9942, -3.3440

## Protanomaly

240.0090, 6.4046, -0.8849

## Deuteranomaly

241.1670, 6.8197, 5.9925

## Tritanomaly

240.2260, 7.2836, -2.8292

# Monochromacy



## Original Color

239.8130, 6.9942, -3.3440

## Achromatopsia

240.0000, 0.0000, 0.0000

## Achromatomaly

240.2710, 2.3314, -1.1147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.8130, 6.9942, -3.3440 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, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 239, 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, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 239, 254) }
```

## Border

The CSS property to change the border of an element to YUV 239.8130, 6.9942, -3.3440 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, 239, 254) }
```



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

```
.border{ border-color:rgb(236, 239, 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, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 239,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 239.8130, 6.9942, -3.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 239, 254) }
```

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

```
.background{ background-color: rgb(236,  
239, 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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