

# Converting Colors

YUV(239.7080, 6.0600,  
-30.4389)

Have a look what the booklet for  
YUV(239.7080, 6.0600, -30.4389)  
contains.

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# Color

**YUV(239.7080, 6.0600,  
-30.4389)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDFFFC
RGB	205, 255, 252
RGB Percent	80%, 100%, 99%
CMY	0.1961, 0.0000, 0.0118
CMYK	0.20, 0.00, 0.01, 0.00
HSL	176°, 100%, 90%
HSV	176°, 20%, 100%
XYZ	78.5075, 91.5274, 105.6242
YIQ	239.7080, -28.8370, -11.5330

# Conversions

## Conversions Part 2

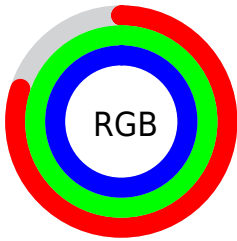
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 231, 255
Decimal	13500412
CIE <sub>Lab</sub>	96.63, -16.33, -3.80
CIE <sub>LCh</sub>	97, 16.766, 193.102
Y <sub>xy</sub>	91.5274, 0.2848, 0.3320
Android (android.graphics.Color)	4291690492 (0xFFCDEFFC)
YUV	239.7080, 6.0600, -30.4389
Hunter-Lab	95.6700, -20.9439, 1.5100

# Details

The YUV color **239.7080, 6.0600, -30.4389** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **220.2920, -6.0600, 30.4389**, 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 **183.3060, 5.7651, -29.2094** is the 20% darker color. If you saturate the color by 10%, you get **231.7060, 9.0189, -46.2232**, and if you desaturate by 10%, it is **247.7100, 3.1010, -14.6547**.

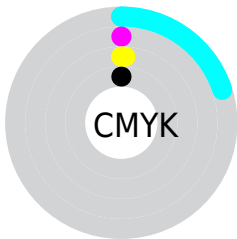
# Distribution



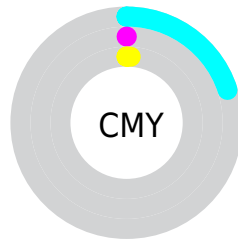
- Red (80%)
- Green (100%)
- Blue (99%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.7080, 6.0600, -30.4389 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 239.7080, 6.0600, -30.4389 by changing the saturation by 10% instead.



239.7080, 6.0600,  
-30.4389

239.7080, 6.0600,  
-30.4389

255.0000, 0.0000,  
0.0000

211.0070, 5.9125,  
-29.8241

183.3060, 5.7651,  
-29.2094

156.3060, 5.7651,  
-29.2094

129.7190, 6.0545,  
-28.6946

104.6050, 5.6177,  
-28.5946

80.0180, 5.9071,  
-28.0798

55.4200, 6.2019,

-29.3093

■ 32.8330, 6.4913,  
-28.7945

■ 19.2860, 2.8170,  
-16.9138

■ 239.7080, 6.0600,  
-30.4389

■ 239.7080, 6.0600,  
-30.4389

■ 231.7060, 9.0189,  
-46.2232

■ 247.7100, 3.1010,  
-14.6547

■ 224.1170, 12.2673,  
-61.4926

255.0000, 0.0000,  
0.0000

■ 216.4140, 15.0789,  
-76.6621

■ 208.5260, 18.4747,  
-92.5463

■ 200.8230, 21.2863,  
-107.7158

■ 192.9350, 24.6820,  
-123.6000

■ 184.9330, 27.6410,  
-139.3842

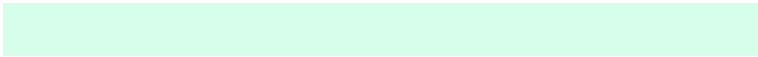
■ 177.3440, 30.8894,  
-154.6537

■ 177.0450, 31.0368,  
-155.2685

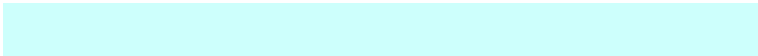
# Harmonies

## Analogous

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



240.1730, -2.5503, -22.0767



239.7080, 6.0600, -30.4389



239.1750, 7.8017, -29.0945

# Triad

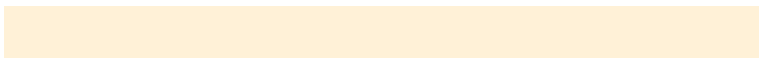
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.7080, 6.0600, -30.4389



245.6080, 4.6303, 8.2368



242.2220, -13.4204, 11.2063

# Complementary

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



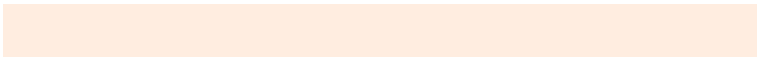
239.7080, 6.0600, -30.4389



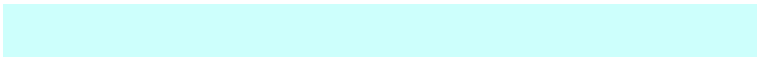
220.2920, -6.0600, 30.4389

# 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.



240.9000, -8.3317, 12.3657



239.7080, 6.0600, -30.4389



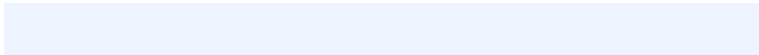
243.2600, 5.7878, 10.2960

# Square

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



239.7080, 6.0600, -30.4389



243.1610, 5.8366, -5.4032



240.8490, -0.9116, 12.4104

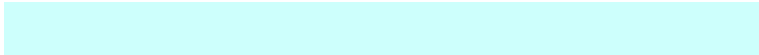


243.8470, -14.7146, 6.2732

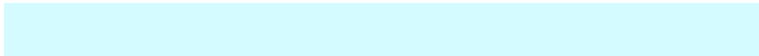


# Rectangle

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



239.7080, 6.0600, -30.4389



239.7950, 7.4961, -24.3762



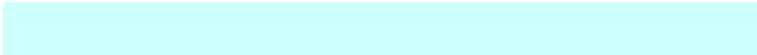
240.8490, -0.9116, 12.4104



241.2760, -11.9681, 12.0359

# Sweetspot

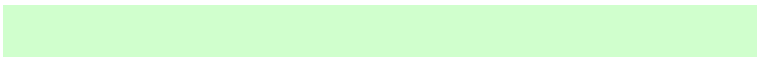
The Sweet Spot groups the original color and five complimentary colors.



239.7080, 6.0600, -30.4389



250.4010, 1.7743, -9.1217



235.2470, -14.9118, -23.8956



125.1950, 0.8899, -5.4330



0.0000, 0.0000, 0.0000

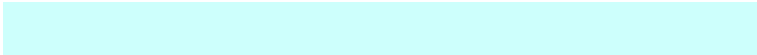


128.0000, 0.0000, 0.0000

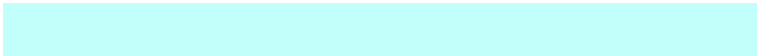


# Same Dimension

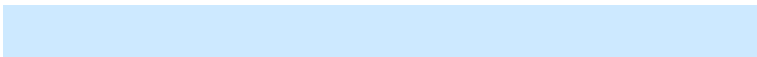
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7080, 6.0600, -30.4389



236.3050, 7.2446, -37.1015



227.1360, 13.7370, -19.4133



123.9990, 1.4795, -7.8921



132.6370, 23.3500, -116.3226



44.4080, 7.6869, -38.9458



# Inverse Universe

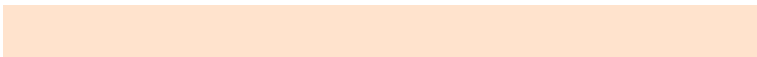
The Inverse Universe completely reimagines the original color for something new.



220.2920, -6.0600, 30.4389



212.5810, -7.6814, 37.2015



232.8640, -13.7370, 19.4133



119.0010, -1.4795, 7.8921



58.3630, -23.3500, 116.3226

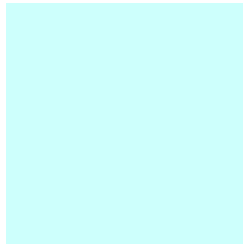


19.5920, -7.6869, 38.9458



# Previews

## White Background



This preview shows how the YUV color 239.7080, 6.0600, -30.4389 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

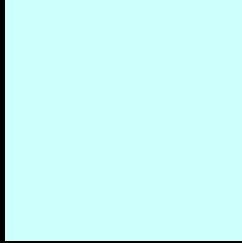
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.7080, 6.0600, -30.4389 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

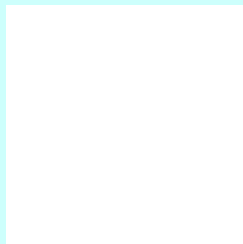
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 239.7080, 6.0600, -30.4389

## Background



This preview shows how black text looks on a background with the YUV color 239.7080, 6.0600, -30.4389.



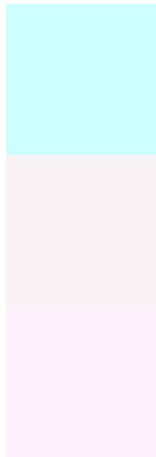
This preview shows how white text looks on a background with the YUV color 239.7080, 6.0600, -30.4389.

-30.4389.

# 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

239.7080, 6.0600, -30.4389

### Protanopia

245.0220, -0.0108, 3.4887

### Deuteranopia

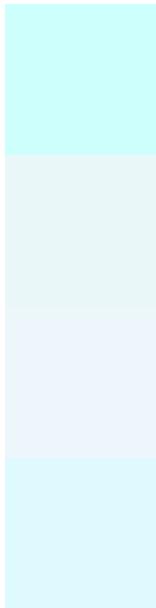
246.3260, 2.3043, 7.6071



## **Tritanopia**

243.7260, 5.5581, -9.4067

# Trichromacy



## Original Color

239.7080, 6.0600, -30.4389

## Protanomaly

242.9280, 2.5005, -8.7069

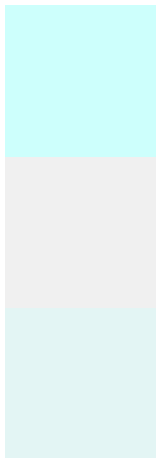
## Deuteranomaly

243.8790, 3.5107, -6.0329

## Tritanomaly

242.3830, 5.7272, -16.9989

# Monochromacy



## Original Color

239.7080, 6.0600, -30.4389

## Achromatopsia

240.0000, 0.0000, 0.0000

## Achromatomaly

239.5040, 2.2165, -10.9660

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.7080, 6.0600, -30.4389 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(205, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 252)  
}
```

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(205, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 252) }
```

## Border

The CSS property to change the border of an element to YUV 239.7080, 6.0600, -30.4389 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(205, 255, 252) }
```



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

```
.border{ border-color:rgb(205, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 239.7080, 6.0600, -30.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 252) }
```

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

```
.background{ background-color: rgb(205,  
255, 252) }
```

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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