

# Converting Colors

YUV(246.9930, 3.9475, -6.1329)

Have a look what the booklet for  
YUV(246.9930, 3.9475, -6.1329)  
contains.

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# Color

**YUV(246.9930, 3.9475,  
-6.1329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F9FF
RGB	240, 249, 255
RGB Percent	94%, 98%, 100%
CMY	0.0588, 0.0235, 0.0000
CMYK	0.06, 0.02, 0.00, 0.00
HSL	204°, 100%, 97%
HSV	204°, 6%, 100%
XYZ	87.8609, 93.4966, 108.0236
YIQ	246.9930, -7.2900, -0.0420

# Conversions

## Conversions Part 2

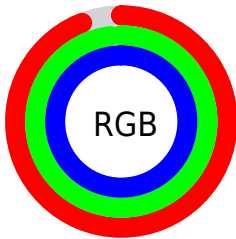
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 246, 255
Decimal	15792639
CIE Lab	97.43, -1.85, -3.91
CIE LCh	97, 4.321, 244.656
Yxy	93.4966, 0.3036, 0.3231
Android (android.graphics.Color)	4293982719 (0xFFFF0F9FF)
YUV	246.9930, 3.9475, -6.1329
Hunter-Lab	96.6937, -7.0196, 1.4483

# Details

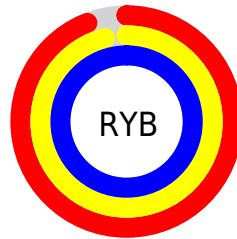
The YUV color  $246.9930, 3.9475, -6.1329$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $248.0070, -3.9475, 6.1329$ , and the grayscale version is  $247.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $190.8790, 3.5107, -6.0329$  is the 20% darker color. If you saturate the color by 10%, you get  $233.6480, 10.5265, -16.3543$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

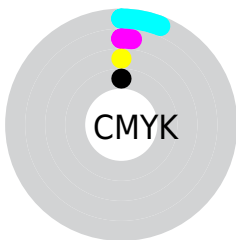
# Distribution



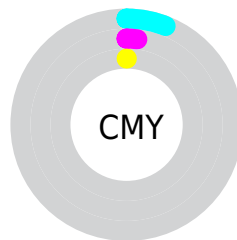
- Red (94%)
- Green (98%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 246.9930, 3.9475, -6.1329 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 246.9930, 3.9475, -6.1329 by changing the saturation by 10% instead.



246.9930, 3.9475,  
-6.1329

246.9930, 3.9475,  
-6.1329

255.0000, 0.0000,  
0.0000

218.2920, 3.8000,  
-5.5181

190.8790, 3.5107,  
-6.0329

163.2920, 3.8000,  
-5.5181

137.2920, 3.8000,  
-5.5181

112.1780, 3.3632,  
-5.4181

87.4770, 3.2158,  
-4.8033

64.4770, 3.2158,

-4.8033

■ 42.3630, 2.7790,  
-4.7034

■ 21.3630, 2.7790,  
-4.7034

■ 246.9930, 3.9475,  
-6.1329

■ 246.9930, 3.9475,  
-6.1329

■ 233.6480, 10.5265,  
-16.3543

255.0000, 0.0000,  
0.0000

■ 220.0040, 17.2530,  
-27.1905

■ 205.7730, 24.2689,  
-37.5119

■ 192.4280, 30.8480,  
-47.7334

■ 179.0830, 37.4271,  
-57.9548

■ 165.4390, 44.1536,  
-68.7910

■ 151.7950, 50.8801,  
-79.6272

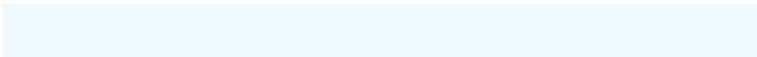
■ 137.8630, 57.7485,  
-89.3339

■ 124.2190, 64.4750,  
-100.1701

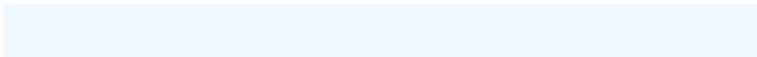
# Harmonies

## Analogous

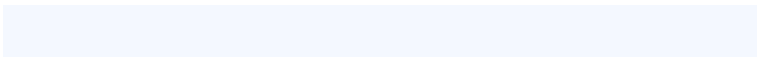
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.6400, 2.6425, -7.5773



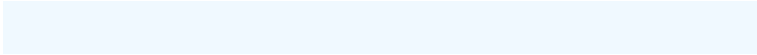
246.9930, 3.9475, -6.1329



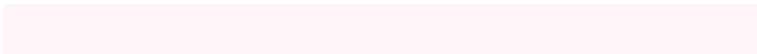
247.6020, 3.6472, -3.1590

# Triad

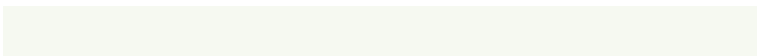
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.9930, 3.9475, -6.1329



248.2180, -0.6005, 5.9478



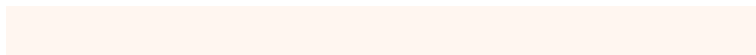
247.1910, -3.0522, -1.0445

# Complementary

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



246.9930, 3.9475, -6.1329



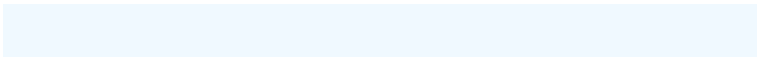
248.0070, -3.9475, 6.1329

# Split Complementary

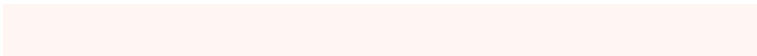
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.2840, -4.0840, 3.2589



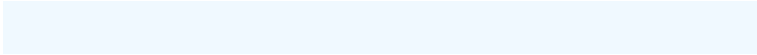
246.9930, 3.9475, -6.1329



247.7620, -2.3477, 6.3477

# Square

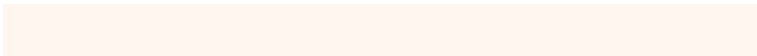
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



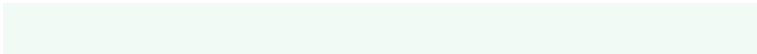
246.9930, 3.9475, -6.1329



248.3750, 1.2941, 4.9331



248.0070, -3.9475, 6.1329

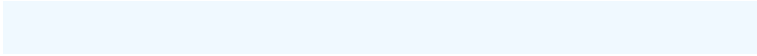


246.6250, -1.2941, -4.9331



# Rectangle

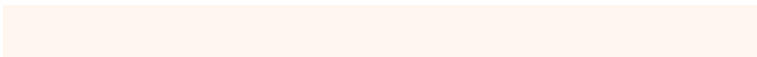
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.9930, 3.9475, -6.1329



248.2110, 3.3470, -0.1850



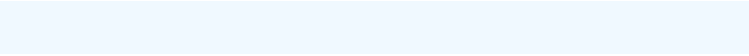
248.0070, -3.9475, 6.1329



246.7890, -3.3470, 0.1850

# Sweetspot

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



246.9930, 3.9475, -6.1329



252.3310, 1.3158, -2.0443



249.4890, -1.7201, -8.3219



125.9290, 1.0210, -0.8147



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

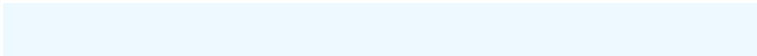


# Same Dimension

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



246.9930, 3.9475, -6.1329



245.5090, 4.6791, -7.4624



242.8840, 5.9732, -2.5293



121.7760, 3.0684, -4.1886



89.2790, 50.1485, -78.2977



29.6020, 16.9582, -25.9610



# Inverse Universe

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



245.5110, 1.7201, 8.3219



243.6360, 2.1515, 9.9662



252.7030, -6.2626, 2.0145



120.9730, 0.9993, 6.1627



70.2190, 22.0770, 105.9249

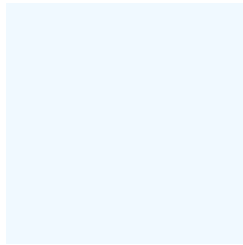


23.4680, 7.1643, 35.5466



# Previews

## White Background



This preview shows how the YUV color 246.9930, 3.9475, -6.1329 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

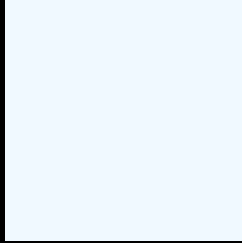
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 246.9930, 3.9475, -6.1329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

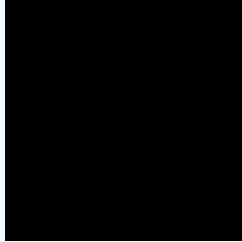
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

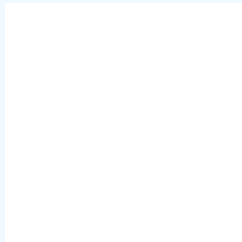
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 246.9930, 3.9475, -6.1329

## Background



This preview shows how black text looks on a background with the YUV color 246.9930, 3.9475, -6.1329.



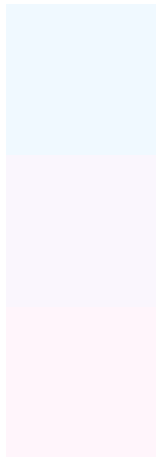
This preview shows how white text looks on a background with the YUV color 246.9930, 3.9475, -6.1329.

-6.129.

# 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

246.9930, 3.9475, -6.1329

### Protanopia

247.9940, 2.4680, 1.7593

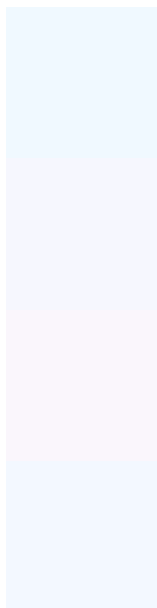
### Deuteranopia

248.6740, 1.1467, 5.5479

## **Tritanopia**

247.3140, 3.7892, -2.0294

# Trichromacy



## Original Color

246.9930, 3.9475, -6.1329

## Protanomaly

247.4990, 3.2050, -1.3146

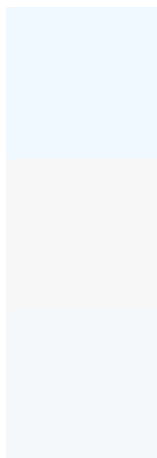
## Deuteranomaly

247.8800, 2.0312, 1.8592

## Tritanomaly

247.3030, 3.7946, -3.7737

# Monochromacy



## Original Color

246.9930, 3.9475, -6.1329

## Achromatopsia

247.0000, 0.0000, 0.0000

## Achromatomaly

247.0320, 1.4632, -2.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 246.9930, 3.9475, -6.1329 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(240, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 255)  
}
```

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(240, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 255) }
```

## Border

The CSS property to change the border of an element to YUV 246.9930, 3.9475, -6.1329 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(240, 249, 255) }
```



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

```
.border{ border-color:rgb(240, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 246.9930, 3.9475, -6.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 249, 255) }
```

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

```
.background{ background-color: rgb(240,  
249, 255) }
```

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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