

# Converting Colors

YUV(249.4590, -9.5933, -3.0335)

Have a look what the booklet for  
YUV(249.4590, -9.5933, -3.0335)  
contains.

<b>YUV(249.4590, -9.5933, -3.0335)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(249.4590, -9.5933,  
-3.0335)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F6FFE6
RGB	246, 255, 230
RGB Percent	96%, 100%, 90%
CMY	0.0353, 0.0000, 0.0980
CMYK	0.04, 0.00, 0.10, 0.00
HSL	82°, 100%, 95%
HSV	82°, 10%, 100%
XYZ	88.0490, 96.8260, 88.9115
YIQ	249.4590, 2.6610, -9.6830

# Conversions

## Conversions Part 2

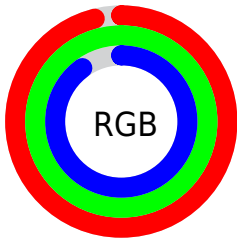
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 255, 239
Decimal	16187366
CIE <sub>Lab</sub>	98.76, -7.24, 10.92
CIE <sub>LCh</sub>	99, 13.104, 123.529
Yxy	96.8260, 0.3216, 0.3537
Android (android.graphics.Color)	4294377446 (0xFFFF6FFE6)
YUV	249.4590, -9.5933, -3.0335
Hunter-Lab	98.4002, -12.4777, 15.3074

# Details

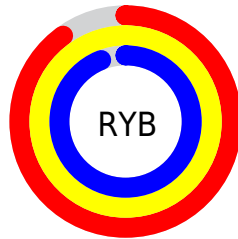
The YUV color  $249.4590, -9.5933, -3.0335$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $235.5410, 9.5933, 3.0335$ , and the grayscale version is  $250.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $192.8720, -9.3039, -2.5187$  is the 20% darker color. If you saturate the color by 10%, you get  $243.9180, -19.1866, -6.0671$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

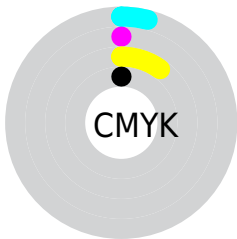
# Distribution



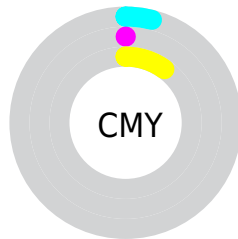
- Red (96%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 249.4590, -9.5933, -3.0335 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 249.4590, -9.5933, -3.0335 by changing the saturation by 10% instead.




 249.4590, -9.5933,  
-3.0335

 249.4590, -9.5933,  
-3.0335


255.0000, 0.0000,  
0.0000


 220.5730, -9.1565,  
-3.1335

 192.8720, -9.3039,  
-2.5187

 165.9860, -8.8671,  
-2.6187

 139.6870, -8.7197,  
-3.2335

 114.1000, -8.4303,  
-2.7187

 89.2140, -7.9935,  
-2.8187

 66.3280, -7.5567,

-2.9187

■ 43.8550, -6.8305,  
-2.5038

■ 22.6980, -8.7251,  
-1.4891

■ 249.4590, -9.5933,  
-3.0335

■ 249.4590, -9.5933,  
-3.0335

■ 243.9180,  
-19.1866, -6.0671

255.0000, 0.0000,  
0.0000

■ 238.2630,  
-29.2167, -9.0007

■ 232.4230,  
-38.6625, -12.6490

■ 226.7680,  
-48.6926, -15.5825

■ 221.2270,  
-58.2859, -18.6161

■ 215.5720,  
-68.3160, -21.5496

■ 210.0310,  
-77.9093, -24.5832

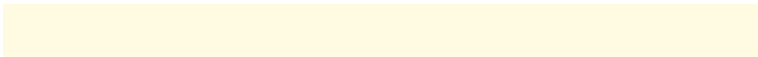
■ 204.3760,  
-87.9394, -27.5168

■ 198.5360,  
-97.3852, -31.1651

# Harmonies

## Analogous

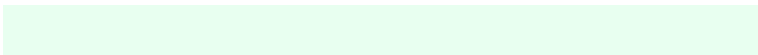
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.3460, -11.5096, 4.9586



249.4590, -9.5933, -3.0335



246.4130, -3.1616, -12.6402

# Triad

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



249.4590, -9.5933, -3.0335



246.6280, 4.1274, -17.2138



247.3860, 1.2887, 6.6775

# Complementary

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



249.4590, -9.5933, -3.0335



235.5410, 9.5933, 3.0335

# Split Complementary

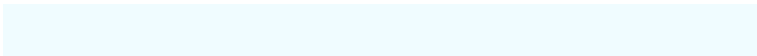
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.1833, 5.6628



249.4590, -9.5933, -3.0335



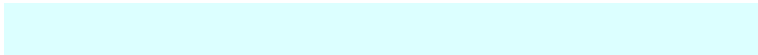
248.7540, 3.0793, -7.6773

# Square

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



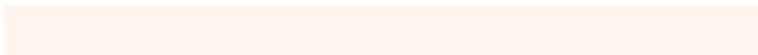
249.4590, -9.5933, -3.0335



244.5350, 5.1592, -21.5172



250.8910, 2.0257, 3.6036



246.6050, -4.2423, 7.3624

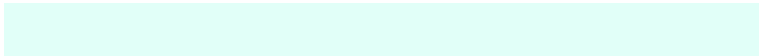


# Rectangle

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



249.4590, -9.5933, -3.0335



245.2320, 1.3646, -17.7435



250.8910, 2.0257, 3.6036



247.9560, 3.4727, 6.1776

# Sweetspot

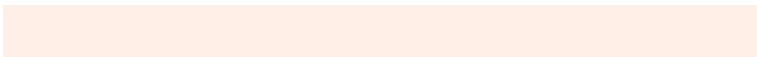
The Sweet Spot groups the original color and five complimentary colors.



249.4590, -9.5933, -3.0335



253.1910, -3.0522, -1.0445



242.7580, -6.2897, 10.7362



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

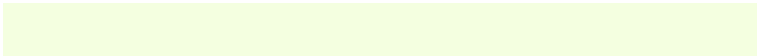


# Same Dimension

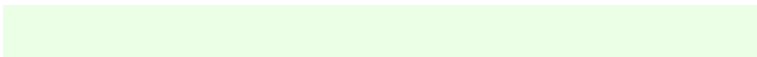
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.4590, -9.5933, -3.0335



248.1770, -11.9193, -3.6632



245.8710, -7.8244, -10.4109



125.0230, -4.9413, -1.7742



148.5950, -73.2573, -23.3238



49.8270, -24.5647, -7.7413



# Inverse Universe

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



235.5410, 9.5933, 3.0335



230.8230, 11.9193, 3.6632



239.1290, 7.8244, 10.4109



117.6780, 5.0887, 1.1594



42.4050, 73.2573, 23.3238

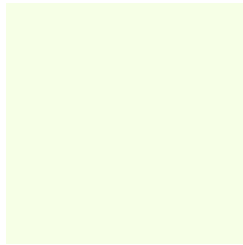


14.1730, 24.5647, 7.7413



# Previews

## White Background



This preview shows how the YUV color 249.4590, -9.5933, -3.0335 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 249.4590, -9.5933, -3.0335 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

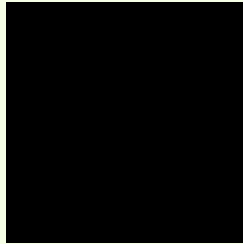
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

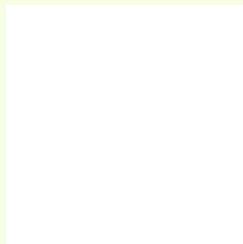
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 249.4590, -9.5933, -3.0335

## Background



This preview shows how black text looks on a background with the YUV color 249.4590, -9.5933, -3.0335.



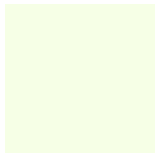
This preview shows how white text looks on a background with the YUV color 249.4590, -9.5933, -3.0335.

-3.0335.

# 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

249.4590, -9.5933, -3.0335

### Protanopia

251.2840, -4.0840, 3.2589

### Deuteranopia

251.3810, -1.1738, 3.1739

## **Tritanopia**

251.4560, 1.7472, -0.3999

# Trichromacy



## Original Color

249.4590, -9.5933, -3.0335

## Protanomaly

250.4040, -6.1152, 1.3997

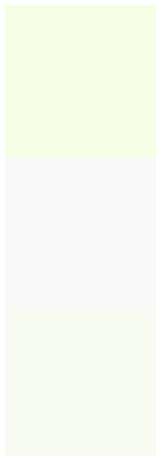
## Deuteranomaly

250.8600, -4.3680, 0.9998

## Tritanomaly

250.4190, -2.1786, -1.2445

# Monochromacy



## Original Color

249.4590, -9.5933, -3.0335

## Achromatopsia

249.0000, 0.0000, 0.0000

## Achromatomaly

249.0770, -3.4890, -0.9445

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 249.4590, -9.5933, -3.0335 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(246, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 230)  
}
```

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(246, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 230) }
```

## Border

The CSS property to change the border of an element to YUV 249.4590, -9.5933, -3.0335 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(246, 255, 230) }
```



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

```
.border{ border-color:rgb(246, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 249.4590, -9.5933, -3.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 230) }
```

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

```
.background{ background-color: rgb(246,  
255, 230) }
```

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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