

# Converting Colors

YUV(226.4930, 9.1240, 13.5996)

Have a look what the booklet for  
YUV(226.4930, 9.1240, 13.5996)  
contains.

<b>YUV(226.4930, 9.1240, 13.5996)</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(226.4930, 9.1240,  
13.5996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F2D7F5
RGB	242, 215, 245
RGB Percent	95%, 84%, 96%
CMY	0.0510, 0.1569, 0.0392
CMYK	0.01, 0.12, 0.00, 0.04
HSL	294°, 60%, 90%
HSV	294°, 12%, 96%
XYZ	77.3998, 74.0707, 96.6039
YIQ	226.4930, 6.4620, 15.0540

# Conversions

## Conversions Part 2

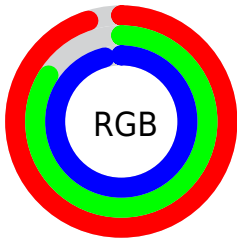
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 215, 245
Decimal	15914997
CIE Lab	88.96, 14.52, -11.22
CIE LCh	89, 18.349, 322.299
Yxy	74.0707, 0.3120, 0.2986
Android (android.graphics.Color)	4294105077 (0xFFFF2D7F5)
YUV	226.4930, 9.1240, 13.5996
Hunter-Lab	86.0643, 9.9170, -6.3057

# Details

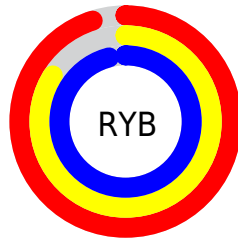
The YUV color  $226.4930, 9.1240, 13.5996$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $233.5070, -9.1240, -13.5996$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $171.0800, 8.8346, 13.0848$  is the 20% darker color. If you saturate the color by 10%, you get  $211.8070, 16.3641, 24.7253$ , and if you desaturate by 10%, it is  $241.7660, 1.5944, 1.9592$ .

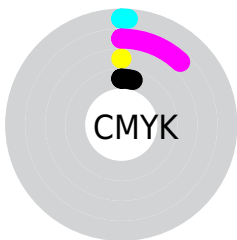
# Distribution



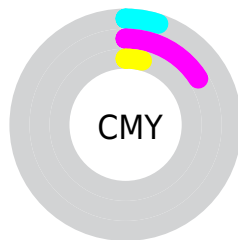
- Red (95%)
- Green (84%)
- Blue (96%)



- Red (95%)
- Yellow (84%)
- Blue (96%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.4930, 9.1240, 13.5996 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 226.4930, 9.1240, 13.5996 by changing the saturation by 10% instead.





 226.4930, 9.1240,  
13.5996


 226.4930, 9.1240,  
13.5996

255.0000, 0.0000,  
0.0000


 198.4930, 9.1240,  
13.5996

 171.0800, 8.8346,  
13.0848

 144.6670, 8.5452,  
12.5700

 118.8410, 7.9664,  
11.5404

 93.8410, 7.9664,  
11.5404

 70.4280, 7.6770,  
11.0256

 47.6020, 7.0982,

9.9960

■ 26.3030, 7.2456,  
9.3813

■ 6.7650, 6.5249,  
7.2221

■ 226.4930, 9.1240,  
13.5996

■ 226.4930, 9.1240,  
13.5996

■ 211.8070, 16.3641,  
24.7253

■ 241.7660, 1.5944,  
1.9592

■ 196.2350, 24.0411,  
35.7509

■ 251.4680, -3.1887,  
-3.9184

■ 181.5490, 31.2813,  
46.8765

■ 252.0660, -3.4835,  
-2.6889

■ 165.9770, 38.9583,  
57.9022

■ 252.9630, -3.9258,  
-0.8446

■ 151.2910, 46.1985,  
69.0278

■ 253.5610, -4.2206,  
0.3850

■ 135.7190, 53.8755,  
80.0534

■ 253.8600, -4.3680,  
0.9998

■ 121.0330, 61.1157,  
91.1791

■ 105.4610, 68.7927,  
102.2047

■ 93.7100, 74.5860,  
110.7563

# Harmonies

## Analogous

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



224.2890, 15.1405, -2.8845



226.4930, 9.1240, 13.5996



226.7950, 1.0871, 24.7358

# Triad

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



226.4930, 9.1240, 13.5996



223.6310, -17.0731, 16.1096



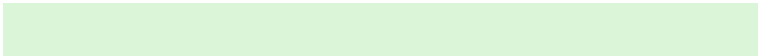
216.8970, 9.4178, -34.1127

# Complementary

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



226.4930, 9.1240, 13.5996



233.5070, -9.1240, -13.5996

# 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.



217.2370, 0.3762, -27.3948



226.4930, 9.1240, 13.5996



221.1130, -14.8457, 1.6549

# Square

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



226.4930, 9.1240, 13.5996



224.7940, -14.1954, 26.4907



219.3220, -8.5397, -14.3144



218.5150, 15.5221, -32.0237



# Rectangle

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



226.4930, 9.1240, 13.5996



224.8400, -3.8651, 26.4503



219.3220, -8.5397, -14.3144



217.0990, 6.3602, -33.4128

# Sweetspot

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



226.4930, 9.1240, 13.5996



248.8310, 3.0413, 4.5332



220.1810, 12.2358, -4.5437



123.5920, 2.1731, 2.9888



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.



226.4930, 9.1240, 13.5996



231.4980, 11.5865, 17.1033



226.1360, 3.8770, 16.5437



114.6570, 3.6201, 5.5628



71.4360, 56.4801, 84.6866



22.5730, 17.9585, 26.6845



# Inverse Universe

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



224.3120, -3.1118, 18.1434



228.8180, -3.8543, 22.9616



233.9780, -3.4402, -16.6437



113.7020, -1.3321, 7.2773



57.7800, -19.1185, 112.4489

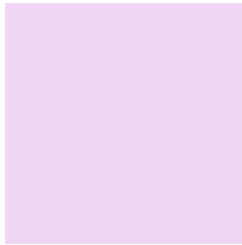


18.3250, -6.0762, 35.6720



# Previews

## White Background



This preview shows how the YUV color 226.4930, 9.1240, 13.5996 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

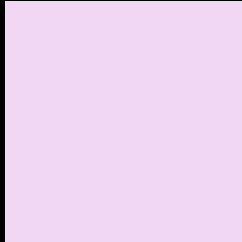
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.4930, 9.1240, 13.5996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

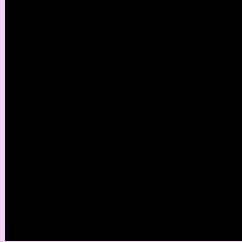
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 226.4930, 9.1240, 13.5996

## Background



This preview shows how black text looks on a background with the YUV color 226.4930, 9.1240, 13.5996.



This preview shows how white text looks on a background with the YUV color 226.4930, 9.1240,

13.5996.

# 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

226.4930, 9.1240, 13.5996

### Protanopia

224.4800, 12.0884, -3.9290

### Deuteranopia

225.8730, 9.4296, 8.8814



## Tritanopia

225.8150, 4.0352, 12.4402

# Trichromacy



## Original Color

226.4930, 9.1240, 13.5996

## Protanomaly

224.9970, 11.3405, 2.6336

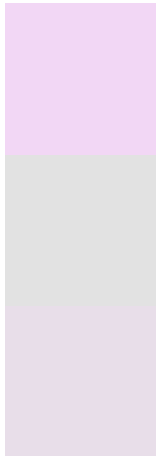
## Deuteranomaly

225.8840, 9.4242, 10.6257

## Tritanomaly

225.9830, 5.9244, 13.1699

# Monochromacy



## Original Color

226.4930, 9.1240, 13.5996

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

226.2440, 3.3307, 5.0480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.4930, 9.1240, 13.5996 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(242, 215, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 245)  
}
```

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(242, 215, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 245) }
```

## Border

The CSS property to change the border of an element to YUV 226.4930, 9.1240, 13.5996 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(242, 215, 245) }
```



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

```
.border{ border-color:rgb(242, 215, 245) }
```

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

Here you see how a box with a 4 pixel rgb(242, 215, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 226.4930, 9.1240, 13.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 245) }
```

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

```
.background{ background-color: rgb(242,  
215, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor