

# Converting Colors

YUV(224.6130, 10.5438,  
24.8954)

Have a look what the booklet for  
YUV(224.6130, 10.5438, 24.8954)  
contains.

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# Color

**YUV(224.6130, 10.5438,  
24.8954)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDCEF6
RGB	253, 206, 246
RGB Percent	99%, 81%, 96%
CMY	0.0078, 0.1922, 0.0353
CMYK	0.00, 0.19, 0.03, 0.01
HSL	309°, 92%, 90%
HSV	309°, 19%, 99%
XYZ	79.2139, 71.6791, 96.8492
YIQ	224.6130, 15.1720, 22.4040

# Conversions

## Conversions Part 2

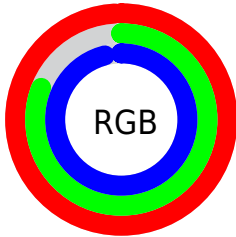
Format	Color
R <sub>Y</sub> B	253, 206, 246
Decimal	16633590
CIE Lab	87.81, 23.06, -13.35
CIE LCh	88, 26.647, 329.927
Yxy	71.6791, 0.3197, 0.2893
Android (android.graphics.Color)	4294823670 (0xFFFDCEF6)
YUV	224.6130, 10.5438, 24.8954
Hunter-Lab	84.6635, 18.8492, -8.5592

# Details

The YUV color  $224.6130, 10.5438, 24.8954$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $234.3870, -10.5438, -24.8954$ , and the grayscale version is  $225.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $168.9010, 10.4018, 23.7658$  is the 20% darker color. If you saturate the color by 10%, you get  $209.4820, 16.0314, 38.1653$ , and if you desaturate by 10%, it is  $239.7440, 5.0562, 11.6255$ .

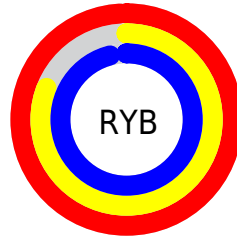
# Distribution



Red (99%)

Green (81%)

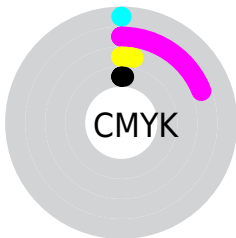
Blue (96%)



Red (99%)

Yellow (81%)

Blue (96%)

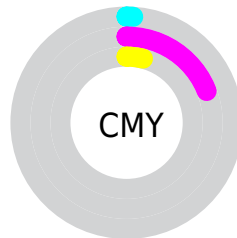


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (19%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 224.6130, 10.5438, 24.8954 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 224.6130, 10.5438, 24.8954 by changing the saturation by 10% instead.





 224.6130, 10.5438,  
24.8954

 224.6130, 10.5438,  
24.8954


255.0000, 0.0000,  
0.0000


 196.3140, 10.6912,  
24.2806

 168.9010, 10.4018,  
23.7658

 142.4880, 10.1124,  
23.2510

 116.6620, 9.5336,  
22.2214

 91.9500, 9.3917,  
21.0919

 67.5370, 9.1023,  
20.5771

 44.8250, 8.9603,

19.4475

■ 22.5260, 9.1077,  
18.8327

■ 8.6730, 6.0772,  
10.8108

■ 224.6130, 10.5438,  
24.8954

■ 224.6130, 10.5438,  
24.8954

■ 209.4820, 16.0314,  
38.1653

■ 239.7440, 5.0562,  
11.6255

■ 193.7640, 21.8083,  
51.9500

■ 254.2880, -0.1420,  
-1.1296

■ 178.7470, 27.7327,  
65.1199

■ 254.4020, 0.2948,  
-1.2296

■ 163.6160, 33.2203,  
78.3898

■ 147.8980, 38.9973,  
92.1745

■ 132.7670, 44.4849,  
105.4443

■ 117.7500, 50.4093,  
118.6142

■ 102.6190, 55.8968,  
131.8841

■ 100.1570, 56.6176,  
134.0433

# Harmonies

## Analogous

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



221.6640, 16.4346, 2.0487



224.6130, 10.5438, 24.8954



220.0130, 0.4866, 30.6836

# Triad

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



224.6130, 10.5438, 24.8954



218.8070, -24.0619, 17.7093



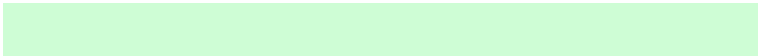
209.8390, 17.3344, -53.3558

# Complementary

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



224.6130, 10.5438, 24.8954



234.3870, -10.5438, -24.8954

# 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.



210.4520, 4.2142, -45.1234



224.6130, 10.5438, 24.8954



216.1140, -19.7762, -3.6080

# Square

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



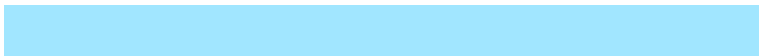
224.6130, 10.5438, 24.8954



219.6930, -21.0476, 30.9642



213.0170, -9.3754, -26.3249



212.2190, 21.0910, -44.9191



# Rectangle

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



224.6130, 10.5438, 24.8954



218.6620, -7.2284, 31.8684



213.0170, -9.3754, -26.3249



209.6990, 12.9664, -52.3560

# Sweetspot

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



224.6130, 10.5438, 24.8954



245.9670, 3.4673, 7.9219



213.1520, 19.6451, -1.0103



122.4890, 1.7309, 4.8331



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.



224.6130, 10.5438, 24.8954



221.2160, 12.7115, 29.6286



221.9910, 0.4974, 27.1949



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469



# Inverse Universe

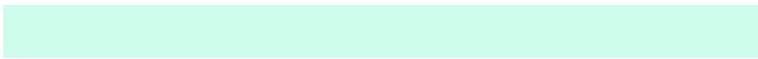
The Inverse Universe completely reimagines the original color for something new.



224.6130, 10.5438, 24.8954



221.2160, 12.7115, 29.6286



237.0090, -0.4974, -27.1949



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 224.6130, 10.5438, 24.8954 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

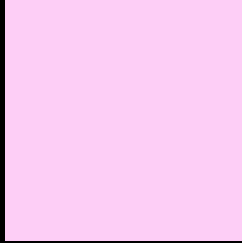
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.6130, 10.5438, 24.8954 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

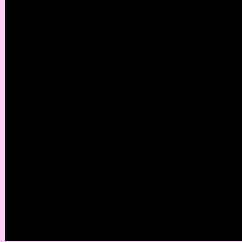
Any Text WCAG AA ✓ Pass

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 224.6130, 10.5438, 24.8954 Background



This preview shows how black text looks on a background with the YUV color 224.6130, 10.5438, 24.8954.



This preview shows how white text looks on a background with the YUV color 224.6130, 10.5438,

24.8954.

# 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

224.6130, 10.5438, 24.8954

### Protanopia

221.4950, 16.0250, -6.5731

### Deuteranopia

222.5030, 10.5980, 7.4519



## Tritanopia

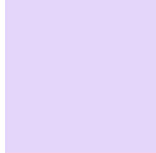
223.1970, 1.3819, 23.5062

# Trichromacy



## Original Color

224.6130, 10.5438, 24.8954



## Protanomaly

222.4040, 14.0978, 4.9077



## Deuteranomaly

223.2480, 10.7237, 13.8145



## Tritanomaly

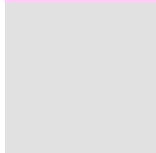
223.7070, 4.5814, 23.9360

# Monochromacy



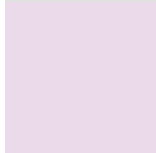
## Original Color

224.6130, 10.5438, 24.8954



## Achromatopsia

225.0000, 0.0000, 0.0000



## Achromatomaly

224.7930, 4.0461, 8.9515

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.6130, 10.5438, 24.8954 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(253, 206, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 246)  
}
```

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(253, 206, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 246) }
```

## Border

The CSS property to change the border of an element to YUV 224.6130, 10.5438, 24.8954 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(253, 206, 246) }
```



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

```
.border{ border-color:rgb(253, 206, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 206, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 206, 246); box-shadow:4px 4px 4px 4px rgb(253, 206, 246) }
```

# Background

The CSS property to change the background color of an element to YUV 224.6130, 10.5438, 24.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 246) }
```

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

```
.background{ background-color: rgb(253,  
206, 246) }
```

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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