

# Converting Colors

YUV(228.2940, 4.2921, 23.4212)

Have a look what the booklet for  
YUV(228.2940, 4.2921, 23.4212)  
contains.

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# Color

**YUV(228.2940, 4.2921,  
23.4212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD5ED
RGB	255, 213, 237
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1647, 0.0706
CMYK	0.00, 0.16, 0.07, 0.00
HSL	326°, 100%, 92%
HSV	326°, 16%, 100%
XYZ	80.3203, 74.9629, 90.3567
YIQ	228.2940, 17.3280, 16.3680

# Conversions

## Conversions Part 2

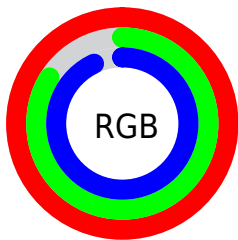
Format	Color
R <sub>Y</sub> B	255, 213, 237
Decimal	16766445
CIE Lab	89.38, 18.51, -6.26
CIE LCh	89, 19.540, 341.307
Yxy	74.9629, 0.3270, 0.3052
Android (android.graphics.Color)	4294956525 (0xFFFFD5ED)
YUV	228.2940, 4.2921, 23.4212
Hunter-Lab	86.5811, 14.0754, -1.2687

# Details

The YUV color  $228.2940, 4.2921, 23.4212$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $239.7060, -4.2921, -23.4212$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.5820, 4.1501, 22.2916$  is the 20% darker color. If you saturate the color by 10%, you get  $212.3650, 6.7221, 37.3909$ , and if you desaturate by 10%, it is  $244.8100, 1.5727, 8.9366$ .

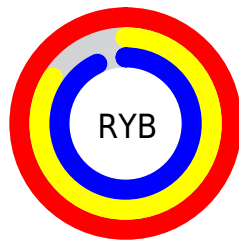
# Distribution



Red (100%)

Green (84%)

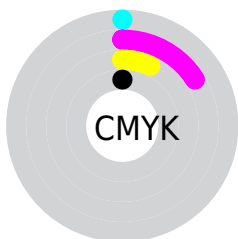
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

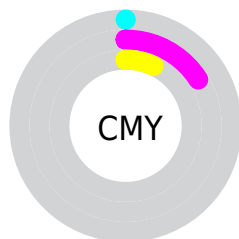


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.2940, 4.2921, 23.4212 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 228.2940, 4.2921, 23.4212 by changing the saturation by 10% instead.



228.2940, 4.2921,  
23.4212

228.2940, 4.2921,  
23.4212

255.0000, 0.0000,  
0.0000

199.9950, 4.4395,  
22.8064

172.5820, 4.1501,  
22.2916

145.8700, 4.0081,  
21.1620

120.4570, 3.7187,  
20.6472

95.1580, 3.8661,  
20.0324

71.4460, 3.7241,  
18.9029

48.7340, 3.5821,

17.7733

■ 26.5490, 4.1663,  
17.0585

■ 9.5550, 1.6984,  
15.2993

■ 228.2940, 4.2921,  
23.4212

■ 228.2940, 4.2921,  
23.4212

■ 212.3650, 6.7221,  
37.3909

■ 244.8100, 1.5727,  
8.9366

■ 195.8490, 9.4414,  
51.8754

255.0000, 0.0000,  
0.0000

■ 179.9200, 11.8714,  
65.8452

■ 163.4040, 14.5908,  
80.3297

■ 147.4750, 17.0208,  
94.2994

■ 130.9590, 19.7402,  
108.7840

■ 114.4430, 22.4596,  
123.2685

■ 98.6280, 25.3264,  
137.1382

■ 92.8890, 26.1837,  
142.1713

# Harmonies

## Analogous

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



227.6710, 12.4872, 8.1815



228.2940, 4.2921, 23.4212



225.5410, -3.7177, 25.8355

# Triad

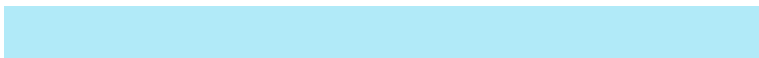
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.2940, 4.2921, 23.4212



223.4620, -17.4828, 7.4878



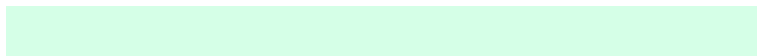
218.5530, 14.5174, -36.4420

# Complementary

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



228.2940, 4.2921, 23.4212



239.7060, -4.2921, -23.4212

# 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.



218.0880, 6.3656, -35.1572



228.2940, 4.2921, 23.4212



221.0300, -12.3398, -8.7963

# Square

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



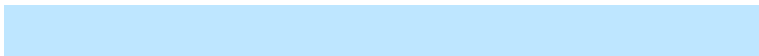
228.2940, 4.2921, 23.4212



224.9630, -17.2368, 21.9574



219.2220, -3.5604, -24.7507



220.8900, 16.8162, -27.0905

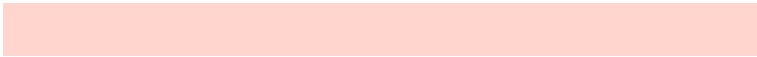


# Rectangle

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



228.2940, 4.2921, 23.4212



224.7600, -9.2487, 26.5205



219.2220, -3.5604, -24.7507



218.2710, 12.1914, -37.0717

# Sweetspot

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



228.2940, 4.2921, 23.4212



246.7990, 1.5781, 7.1923



223.1700, 15.6922, 6.8669



122.8480, 0.5679, 4.5183



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.



228.2940, 4.2921, 23.4212



222.5550, 5.1494, 28.4543



226.0140, -4.4439, 25.4207



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465



# Inverse Universe

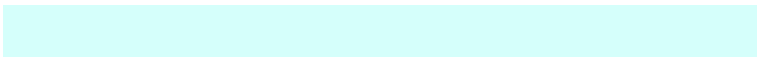
The Inverse Universe completely reimagines the original color for something new.



228.2940, 4.2921, 23.4212



222.5550, 5.1494, 28.4543



241.9860, 4.4439, -25.4207



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465



# Previews

## White Background



This preview shows how the YUV color 228.2940, 4.2921, 23.4212 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

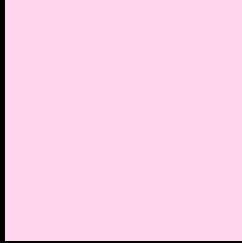
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.2940, 4.2921, 23.4212 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

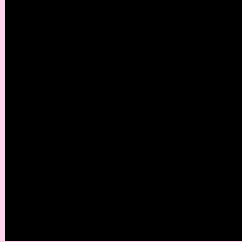
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 228.2940, 4.2921, 23.4212

## Background



This preview shows how black text looks on a background with the YUV color 228.2940, 4.2921, 23.4212.



This preview shows how white text looks on a background with the YUV color 228.2940, 4.2921,

23.4212.

# 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

228.2940, 4.2921, 23.4212

### Protanopia

225.2800, 8.7360, -1.9996

### Deuteranopia

227.2280, 4.3246, 12.9550



## Tritanopia

227.8980, 1.5293, 22.8915

# Trichromacy



## Original Color

228.2940, 4.2921, 23.4212

## Protanomaly

226.2920, 7.2510, 7.6369

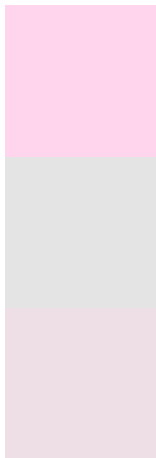
## Deuteranomaly

227.5490, 4.1663, 17.0585

## Tritanomaly

228.1260, 2.4029, 22.6915

# Monochromacy



## Original Color

228.2940, 4.2921, 23.4212

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

228.3970, 1.2833, 8.4218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.2940, 4.2921, 23.4212 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(255, 213, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 237)  
}
```

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(255, 213, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 237) }
```

## Border

The CSS property to change the border of an element to YUV 228.2940, 4.2921, 23.4212 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(255, 213, 237) }
```



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

```
.border{ border-color:rgb(255, 213, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 228.2940, 4.2921, 23.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 237) }
```

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

```
.background{ background-color: rgb(255,  
213, 237) }
```

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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