

# Converting Colors

YUV(232.8420, 6.4869, 19.4326)

Have a look what the booklet for  
YUV(232.8420, 6.4869, 19.4326)  
contains.

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# Color

**YUV(232.8420, 6.4869,  
19.4326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBF6
RGB	255, 219, 246
RGB Percent	100%, 86%, 96%
CMY	0.0000, 0.1412, 0.0353
CMYK	0.00, 0.14, 0.04, 0.00
HSL	315°, 100%, 93%
HSV	315°, 14%, 100%
XYZ	83.2061, 78.5769, 97.9702
YIQ	232.8420, 12.7890, 16.0290

# Conversions

## Conversions Part 2

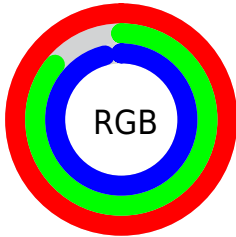
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 219, 246
Decimal	16767990
CIE Lab	91.04, 16.92, -8.53
CIE LCh	91, 18.946, 333.256
Yxy	78.5769, 0.3203, 0.3025
Android (android.graphics.Color)	4294958070 (0xFFFFDBF6)
YUV	232.8420, 6.4869, 19.4326
Hunter-Lab	88.6436, 12.4243, -3.4777

# Details

The YUV color  $232.8420, 6.4869, 19.4326$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $241.1580, -6.4869, -19.4326$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $177.1300, 6.3449, 18.3030$  is the 20% darker color. If you saturate the color by 10%, you get  $217.4830, 11.1009, 32.9024$ , and if you desaturate by 10%, it is  $248.2010, 1.8729, 5.9627$ .

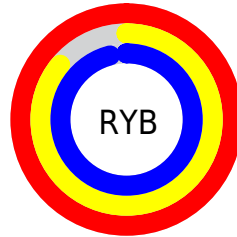
# Distribution



Red (100%)

Green (86%)

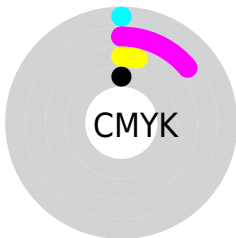
Blue (96%)



Red (100%)

Yellow (86%)

Blue (96%)

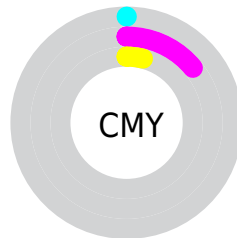


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.8420, 6.4869, 19.4326 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 232.8420, 6.4869, 19.4326 by changing the saturation by 10% instead.





 232.8420, 6.4869,  
19.4326


 232.8420, 6.4869,  
19.4326

255.0000, 0.0000,  
0.0000


 204.5430, 6.6343,  
18.8178

 177.1300, 6.3449,  
18.3030

 150.7170, 6.0555,  
17.7882

 124.3040, 5.7661,  
17.2734

 99.0050, 5.9135,  
16.6586

 75.2930, 5.7716,  
15.5290

 51.8800, 5.4822,

15.0142

■ 30.1680, 5.3402,  
13.8847

■ 10.7660, 5.0454,  
15.1142

■ 232.8420, 6.4869,  
19.4326

■ 232.8420, 6.4869,  
19.4326

■ 217.4830, 11.1009,  
32.9024

■ 248.2010, 1.8729,  
5.9627

■ 201.4230, 15.5675,  
46.9870

255.0000, 0.0000,  
0.0000

■ 186.0640, 20.1814,  
60.4569

■ 170.1180, 25.0848,  
74.4415

■ 154.0580, 29.5514,  
88.5261

■ 138.6990, 34.1654,  
101.9960

■ 122.6390, 38.6320,  
116.0806

■ 107.2800, 43.2460,  
129.5504

■ 98.0190, 45.8396,  
137.6723

# Harmonies

## Analogous

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



230.8230, 11.9193, 3.6632



232.8420, 6.4869, 19.4326



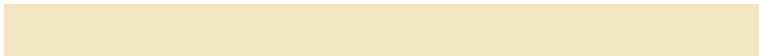
229.6160, -0.7967, 22.2618

# Triad

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



232.8420, 6.4869, 19.4326



228.7830, -17.6410, 11.5913



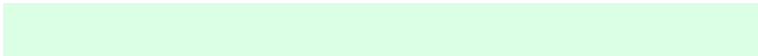
222.9830, 12.3334, -35.9421

# Complementary

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



232.8420, 6.4869, 19.4326



241.1580, -6.4869, -19.4326

# 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.



222.8280, 4.0288, -32.2982



232.8420, 6.4869, 19.4326



226.1230, -13.3716, -4.4929

# Square

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



232.8420, 6.4869, 19.4326



229.6040, -16.0738, 22.2723



223.9730, -5.9027, -20.1473



225.0100, 14.7851, -28.9498



# Rectangle

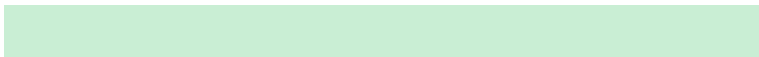
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.8420, 6.4869, 19.4326



228.2480, -6.0383, 23.4615



223.9730, -5.9027, -20.1473



223.0000, 9.8600, -35.9570

# Sweetspot

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



232.8420, 6.4869, 19.4326



248.7880, 1.5835, 5.4479



225.7950, 14.3981, 1.9338



123.6630, 1.1521, 3.8035



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.



232.8420, 6.4869, 19.4326



228.5050, 7.6390, 23.2361



230.7900, -1.3755, 21.2322



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468



# Inverse Universe

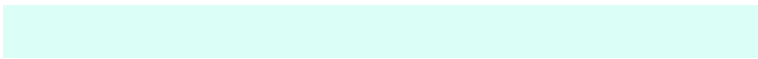
The Inverse Universe completely reimagines the original color for something new.



232.8420, 6.4869, 19.4326



228.5050, 7.6390, 23.2361



243.2100, 1.3755, -21.2322



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468



# Previews

## White Background



This preview shows how the YUV color 232.8420, 6.4869, 19.4326 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

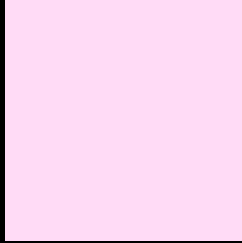
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.8420, 6.4869, 19.4326 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 232.8420, 6.4869, 19.4326

## Background



This preview shows how black text looks on a background with the YUV color 232.8420, 6.4869, 19.4326.



This preview shows how white text looks on a background with the YUV color 232.8420, 6.4869,

19.4326.

# 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

232.8420, 6.4869, 19.4326

### Protanopia

230.4370, 10.6306, -3.0142

### Deuteranopia

232.0860, 6.3666, 11.3256



## Tritanopia

232.2180, 2.8505, 19.1028

# Trichromacy



## Original Color

232.8420, 6.4869, 19.4326

## Protanomaly

231.4380, 9.1511, 4.8779

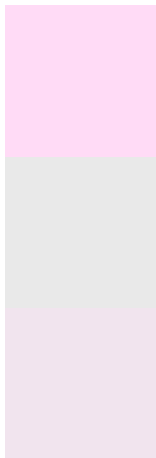
## Deuteranomaly

232.6950, 6.0664, 14.2995

## Tritanomaly

232.5600, 4.1609, 18.8029

# Monochromacy



## Original Color

232.8420, 6.4869, 19.4326

## Achromatopsia

233.0000, 0.0000, 0.0000

## Achromatomaly

233.0270, 2.4517, 6.9923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.8420, 6.4869, 19.4326 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, 219, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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(255, 219, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 246) }
```

## Border

The CSS property to change the border of an element to YUV 232.8420, 6.4869, 19.4326 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, 219, 246) }
```



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

```
.border{ border-color:rgb(255, 219, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 232.8420, 6.4869, 19.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 246) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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