

# Converting Colors

YUV(212.6230, 15.4689,  
31.9026)

Have a look what the booklet for  
YUV(212.6230, 15.4689, 31.9026)  
contains.

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# Color

**YUV(212.6230, 15.4689,  
31.9026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BCF4
RGB	249, 188, 244
RGB Percent	98%, 74%, 96%
CMY	0.0235, 0.2627, 0.0431
CMYK	0.00, 0.24, 0.02, 0.02
HSL	305°, 84%, 86%
HSV	305°, 24%, 98%
XYZ	73.3793, 62.6378, 93.8108
YIQ	212.6230, 18.3800, 30.3480

# Conversions

## Conversions Part 2

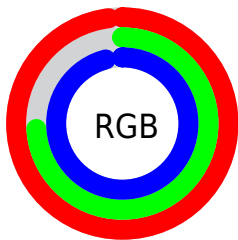
Format	Color
R <sub>Y</sub> B	249, 188, 244
Decimal	16366836
CIE Lab	83.25, 30.88, -19.19
CIE LCh	83, 36.353, 328.144
Yxy	62.6378, 0.3193, 0.2725
Android (android.graphics.Color)	4294556916 (0xFFF9BCF4)
YUV	212.6230, 15.4689, 31.9026
Hunter-Lab	79.1441, 26.9961, -14.8766

# Details

The YUV color  $212.6230, 15.4689, 31.9026$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $224.3770, -15.4689, -31.9026$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.1300, 2.8939, 5.1480$ , and  $157.4980, 15.0375, 30.2583$  is the 20% darker color. If you saturate the color by 10%, you get  $197.7200, 21.8300, 44.9726$ , and if you desaturate by 10%, it is  $227.5260, 9.1077, 18.8327$ .

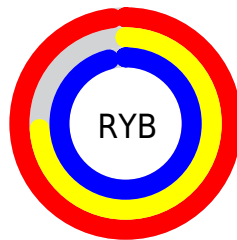
# Distribution



Red (98%)

Green (74%)

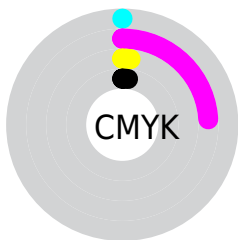
Blue (96%)



Red (98%)

Yellow (74%)

Blue (96%)

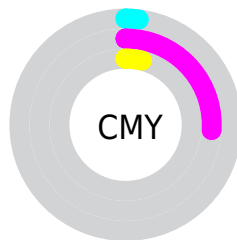


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (26%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 212.6230, 15.4689, 31.9026 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 212.6230, 15.4689, 31.9026 by changing the saturation by 10% instead.





 212.6230, 15.4689,  
31.9026


 212.6230, 15.4689,  
31.9026


255.0000, 0.0000,  
0.0000


 184.9110, 15.3269,  
30.7731


 249.1300, 2.8939,  
5.1480

 157.4980, 15.0375,  
30.2583

 130.7860, 14.8955,  
29.1287

 104.9600, 14.3167,  
28.0991

 80.2480, 14.1747,  
26.9695

 56.5360, 14.0328,  
25.8399

 31.9490, 14.3221,

26.3547

■ 16.4060, 11.1388,  
20.6919

■ 1.9380, 7.4256,  
-1.6996

■ 212.6230, 15.4689,  
31.9026

■ 212.6230, 15.4689,  
31.9026

■ 197.7200, 21.8300,  
44.9726

■ 227.5260, 9.1077,  
18.8327

■ 182.8170, 28.1912,  
58.0425

■ 242.4290, 2.7465,  
5.7628

■ 167.9140, 34.5524,  
71.1124

■ 252.6360, -1.2995,  
-3.1888

■ 153.0110, 40.9136,  
84.1824

■ 252.8640, -0.4260,  
-3.3887

■ 138.6950, 46.9854,  
96.7375

■ 253.0920, 0.4476,  
-3.5887

■ 123.7920, 53.3465,  
109.8074

■ 253.2060, 0.8844,  
-3.6887

■ 108.8890, 59.7077,  
122.8773

■ 100.5570, 63.3224,  
130.1845

# Harmonies

## Analogous

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



208.3740, 22.9866, 0.5490



212.6230, 15.4689, 31.9026



207.1330, 1.9064, 41.9794

# Triad

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



212.6230, 15.4689, 31.9026



205.8480, -32.9561, 23.8123



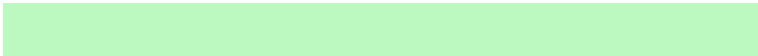
187.3130, 24.9887, -81.8355

# Complementary

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



212.6230, 15.4689, 31.9026



224.3770, -15.4689, -31.9026

# 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.



191.2000, 6.3104, -64.1964



212.6230, 15.4689, 31.9026



201.7520, -27.4857, -4.1675

# Square

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



212.6230, 15.4689, 31.9026



206.6360, -27.9215, 42.4152



196.9360, -13.2794, -34.1469



191.3990, 31.3553, -70.5099



# Rectangle

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



212.6230, 15.4689, 31.9026



204.5110, -8.1399, 44.2789



196.9360, -13.2794, -34.1469



188.1410, 19.1575, -78.1767

# Sweetspot

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



212.6230, 15.4689, 31.9026



244.3200, 4.7722, 9.3664



196.1500, 26.0550, -3.6396



121.4290, 2.7465, 5.7628



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.



212.6230, 15.4689, 31.9026



210.8780, 18.7941, 38.6950



209.2030, 2.3649, 34.9020



117.2550, 3.3253, 6.7924



76.2330, 47.7061, 98.8967



24.6230, 15.4689, 31.9026



# Inverse Universe

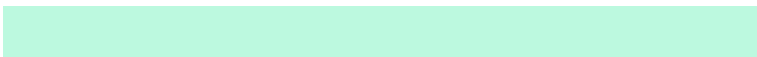
The Inverse Universe completely reimagines the original color for something new.



212.6230, 15.4689, 31.9026



210.8780, 18.7941, 38.6950



227.7970, -2.3649, -34.9020



117.2550, 3.3253, 6.7924



76.2330, 47.7061, 98.8967



24.6230, 15.4689, 31.9026



# Previews

## White Background



This preview shows how the YUV color 212.6230, 15.4689, 31.9026 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

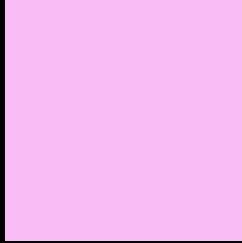
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.6230, 15.4689, 31.9026 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

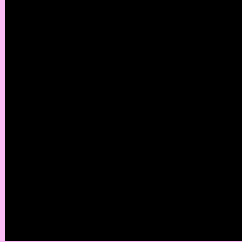
Any Text WCAG AA ✓ Pass

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 212.6230, 15.4689, 31.9026 Background



This preview shows how black text looks on a background with the YUV color 212.6230, 15.4689, 31.9026.



This preview shows how white text looks on a background with the YUV color 212.6230, 15.4689,



# 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

212.6230, 15.4689, 31.9026

### Protanopia

208.5960, 22.8772, -11.0467

### Deuteranopia

210.0230, 15.2717, 1.7338



## Tritanopia

210.6600, -0.8184, 29.2392

# Trichromacy



## Original Color

212.6230, 15.4689, 31.9026



## Protanomaly

209.7120, 20.3550, 4.6376



## Deuteranomaly

211.0890, 15.2391, 12.1999



## Tritanomaly

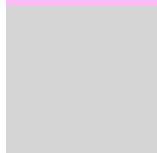
211.5660, 5.1440, 30.1986

# Monochromacy



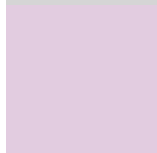
## Original Color

212.6230, 15.4689, 31.9026



## Achromatopsia

213.0000, 0.0000, 0.0000



## Achromatomaly

212.8580, 5.4930, 11.5255

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.6230, 15.4689, 31.9026 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(249, 188, 244)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 244)  
}
```

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(249, 188, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 244) }
```

## Border

The CSS property to change the border of an element to YUV 212.6230, 15.4689, 31.9026 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(249, 188, 244) }
```



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

```
.border{ border-color:rgb(249, 188, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 212.6230, 15.4689, 31.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 244) }
```

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

```
.background{ background-color: rgb(249,  
188, 244) }
```

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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