

# Converting Colors

YUV(213.0440, 6.8803, 33.2874)

Have a look what the booklet for  
YUV(213.0440, 6.8803, 33.2874)  
contains.

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# Color

**YUV(213.0440, 6.8803,  
33.2874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBBFE3
RGB	251, 191, 227
RGB Percent	98%, 75%, 89%
CMY	0.0157, 0.2510, 0.1098
CMYK	0.00, 0.24, 0.10, 0.02
HSL	324°, 88%, 87%
HSV	324°, 24%, 98%
XYZ	72.2796, 63.3169, 81.0849
YIQ	213.0440, 24.2040, 23.9160

# Conversions

## Conversions Part 2

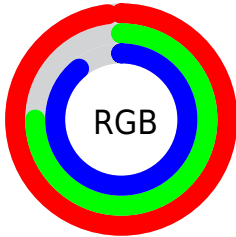
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 191, 227
Decimal	16498659
CIE <sub>Lab</sub>	83.61, 27.03, -9.54
CIE <sub>LCh</sub>	84, 28.669, 340.556
Yxy	63.3169, 0.3336, 0.2922
Android (android.graphics.Color)	4294688739 (0xFFFBFE3)
YUV	213.0440, 6.8803, 33.2874
Hunter-Lab	79.5719, 22.8906, -4.7170

# Details

The YUV color **213.0440, 6.8803, 33.2874** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **228.9560, -6.8803, -33.2874**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **158.0330, 6.8857, 31.5431** is the 20% darker color. If you saturate the color by 10%, you get **197.2290, 9.7471, 47.1572**, and if you desaturate by 10%, it is **228.8590, 4.0135, 19.4177**.

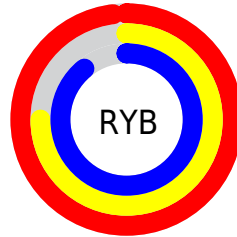
# Distribution



Red (98%)

Green (75%)

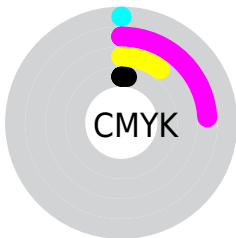
Blue (89%)



Red (98%)

Yellow (75%)

Blue (89%)

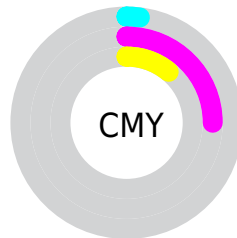


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.0440, 6.8803, 33.2874 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 213.0440, 6.8803, 33.2874 by changing the saturation by 10% instead.





 213.0440, 6.8803,  
33.2874


 213.0440, 6.8803,  
33.2874

255.0000, 0.0000,  
0.0000


 185.3320, 6.7383,  
32.1578

 250.8910, 2.0257,  
3.6036

 158.0330, 6.8857,  
31.5431

 131.3210, 6.7437,  
30.4135

 105.6090, 6.6018,  
29.2839

 81.0110, 6.8966,  
28.0544

 57.2990, 6.7546,  
26.9248

 34.1140, 7.3388,

26.2100

■ 15.4510, 6.1867,  
22.4065

■ 0.0000, 0.0000,  
0.0000

■ 213.0440, 6.8803,  
33.2874

■ 213.0440, 6.8803,  
33.2874

■ 197.2290, 9.7471,  
47.1572

■ 228.8590, 4.0135,  
19.4177

■ 181.4140, 12.6139,  
61.0269

■ 244.6740, 1.1467,  
5.5479

■ 165.5990, 15.4807,  
74.8967

■ 253.8040, 0.5896,  
-2.4591

■ 149.7840, 18.3475,  
88.7664

■ 133.9690, 21.2143,  
102.6362

■ 117.5670, 24.3705,  
117.0207

■ 101.7520, 27.2373,  
130.8905

■ 92.2630, 28.9573,  
139.2123

# Harmonies

## Analogous

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



211.8870, 18.2967, 11.5001



213.0440, 6.8803, 33.2874



209.9880, -4.9241, 39.4755

# Triad

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



213.0440, 6.8803, 33.2874



206.4210, -25.3506, 11.0318



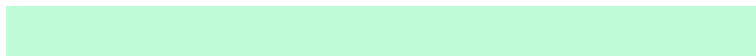
197.1850, 22.5868, -58.0442

# Complementary

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



213.0440, 6.8803, 33.2874



228.9560, -6.8803, -33.2874

# 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.



196.5910, 10.0616, -54.0153



213.0440, 6.8803, 33.2874



202.6290, -17.5651, -12.8296

# Square

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



213.0440, 6.8803, 33.2874



208.9550, -25.1208, 30.7345



199.2160, -4.5435, -36.1464



201.6090, 26.3218, -42.6301



# Rectangle

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



213.0440, 6.8803, 33.2874



209.1100, -13.3652, 40.2455



199.2160, -4.5435, -36.1464



196.2620, 19.0978, -58.9888

# Sweetspot

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



213.0440, 6.8803, 33.2874



243.6360, 2.1515, 9.9662



205.0160, 22.6701, 8.7560



120.9730, 0.9993, 6.1627



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.



213.0440, 6.8803, 33.2874



208.1420, 8.3110, 41.0945



209.6240, -6.2236, 36.2868



116.7990, 1.5781, 7.1923



69.3930, 21.4983, 104.8953



22.4570, 7.1697, 33.8022



# Inverse Universe

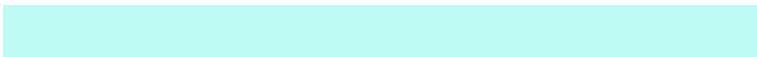
The Inverse Universe completely reimagines the original color for something new.



213.0440, 6.8803, 33.2874



208.1420, 8.3110, 41.0945



232.3760, 6.2236, -36.2868



116.7990, 1.5781, 7.1923



69.3930, 21.4983, 104.8953



22.4570, 7.1697, 33.8022



# Previews

## White Background



This preview shows how the YUV color 213.0440, 6.8803, 33.2874 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

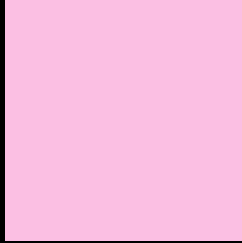
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.0440,  
6.8803, 33.2874 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 213.0440, 6.8803, 33.2874

## Background



This preview shows how black text looks on a background with the YUV color 213.0440, 6.8803, 33.2874.



This preview shows how white text looks on a background with the YUV color 213.0440, 6.8803,



# 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

213.0440, 6.8803, 33.2874

### Protanopia

209.5230, 13.5462, -4.8437

### Deuteranopia

211.1890, 6.8088, 9.4812



## Tritanopia

212.1550, -1.5554, 32.3131

# Trichromacy



## Original Color

213.0440, 6.8803, 33.2874



## Protanomaly

210.6280, 11.0294, 9.0962



## Deuteranomaly

212.2440, 6.7817, 18.2030



## Tritanomaly

212.6650, 1.6442, 32.7428

# Monochromacy



## Original Color

213.0440, 6.8803, 33.2874



## Achromatopsia

213.0000, 0.0000, 0.0000



## Achromatomaly

213.0600, 2.4354, 12.2254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.0440, 6.8803, 33.2874 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(251, 191, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 191, 227)  
}
```

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(251, 191, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 191, 227) }
```

## Border

The CSS property to change the border of an element to YUV 213.0440, 6.8803, 33.2874 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(251, 191, 227) }
```



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

```
.border{ border-color:rgb(251, 191, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 191, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 191, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 191, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 191,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 213.0440, 6.8803, 33.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 191, 227) }
```

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

```
.background{ background-color: rgb(251,  
191, 227) }
```

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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