

# Converting Colors

YUV(127.5120, 24.3976,  
108.2990)

Have a look what the booklet for  
YUV(127.5120, 24.3976, 108.2990)  
contains.

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# Color

**YUV(127.5120, 24.3976,  
108.2990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB37B1
RGB	251, 55, 177
RGB Percent	98%, 22%, 69%
CMY	0.0157, 0.7843, 0.3059
CMYK	0.00, 0.78, 0.29, 0.02
HSL	323°, 96%, 60%
HSV	323°, 78%, 98%
XYZ	49.0857, 26.4159, 44.1067
YIQ	127.5120, 77.6540, 79.4940

# Conversions

## Conversions Part 2

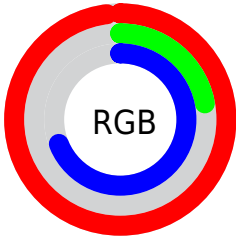
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 55, 177
Decimal	16463793
CIE <sub>Lab</sub>	58.43, 80.33, -19.66
CIE <sub>LCh</sub>	58, 82.704, 346.251
Yxy	26.4159, 0.4104, 0.2209
Android (android.graphics.Color)	4294653873 (0xFFFB37B1)
YUV	127.5120, 24.3976, 108.2990
Hunter-Lab	51.3964, 80.5309, -14.9031

# Details

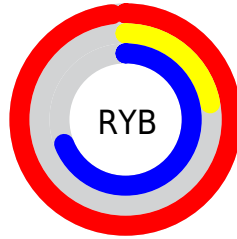
The YUV color **127.5120, 24.3976, 108.2990** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **178.4880, -24.3976, -108.2990**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4210, 28.8794, 70.6678**, and **70.6470, 26.3030, 103.7956** is the 20% darker color. If you saturate the color by 10%, you get **111.8110, 27.7012, 122.0688**, and if you desaturate by 10%, it is **143.2130, 21.0940, 94.5292**.

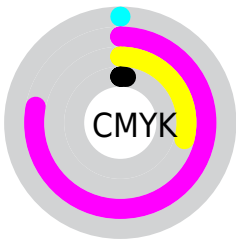
# Distribution



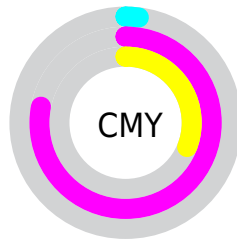
- Red (98%)
- Green (22%)
- Blue (69%)



- Red (98%)
- Yellow (22%)
- Blue (69%)



- Cyan (0%)
- Magenta (78%)
- Yellow (29%)
- Black (2%)




- Cyan (2%)
- Magenta (78%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 127.5120, 24.3976, 108.2990 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 127.5120, 24.3976, 108.2990 by changing the saturation by 10% instead.





 127.5120, 24.3976,  
108.2990


 127.5120, 24.3976,  
108.2990


255.0000, 0.0000,  
0.0000


 82.8800, 33.0902,  
120.2542


 174.4210, 28.8794,  
70.6678


 70.6470, 26.3030,  
103.7956

 194.5390, 29.8073,  
53.0243


 58.8270, 19.8053,  
87.8517


 212.1490, 21.1255,  
37.5803

 47.1210, 13.7443,  
71.8079

 229.7590, 12.4438,  
22.1364

 35.8280, 7.9728,  
56.2788

 247.9560, 3.4727,  
6.1776

 25.0620, 2.9274,  
41.1646

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,  
0.0000

■ 127.5120, 24.3976,  
108.2990

■ 127.5120, 24.3976,  
108.2990

■ 111.8110, 27.7012,  
122.0688

■ 143.2130, 21.0940,  
94.5292

■ 95.9960, 30.5680,  
135.9385

■ 159.0280, 18.2272,  
80.6594

■ 92.8330, 31.1413,  
138.7125

■ 174.7290, 14.9236,  
66.8897

■ 190.5440, 12.0568,  
53.0199

■ 206.8320, 8.4638,  
38.7353

222.6470, 5.5970,  
24.8656

238.3480, 2.2934,  
11.0958

253.5760, -0.2840,  
-2.2592

253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

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



142.8100, 48.9007, 42.2626



127.5120, 24.3976, 108.2990



116.3910, -5.6158, 121.5601

# Triad

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



127.5120, 24.3976, 108.2990



127.2300, -62.7244, 5.0603



127.1330, 58.1084, -111.4956

# Complementary

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



127.5120, 24.3976, 108.2990



178.4880, -24.3976, -108.2990

# 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.



121.3700, 28.4116, -106.4415



127.5120, 24.3976, 108.2990



104.1970, -42.9881, -72.0868

# Square

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



127.5120, 24.3976, 108.2990



132.2780, -65.2131, 56.7612



111.5320, -4.2063, -97.8136



122.4030, 65.3703, -107.3474



# Rectangle

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



127.5120, 24.3976, 108.2990



126.5830, -33.8114, 111.7447



111.5320, -4.2063, -97.8136



126.0270, 48.7937, -110.5257

# Sweetspot

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



127.5120, 24.3976, 108.2990



217.8590, 7.4645, 32.5727



98.8720, 74.9991, 24.6683



105.2720, 4.3029, 19.9325



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.



127.5120, 24.3976, 108.2990



103.8600, 30.1420, 132.5498



116.5680, -17.5350, 117.8969



116.7990, 1.5781, 7.1923



69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022



# Inverse Universe

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



127.5120, 24.3976, 108.2990



103.8600, 30.1420, 132.5498



189.4320, 17.5350, -117.8969



116.7990, 1.5781, 7.1923



69.8490, 23.2454, 104.4954

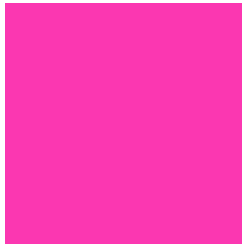


22.5710, 7.6065, 33.7022



# Previews

## White Background



This preview shows how the YUV color 127.5120, 24.3976, 108.2990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

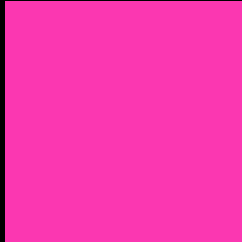
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 127.5120, 24.3976, 108.2990 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 × Fail

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

# YUV 127.5120, 24.3976, 108.2990 Background



This preview shows how black text looks on a background with the YUV color 127.5120, 24.3976, 108.2990.



This preview shows how white text looks on a background with the YUV color 127.5120, 24.3976, 108.2990.



# 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

127.5120, 24.3976, 108.2990

### Protanopia

137.6250, 48.9919, -33.8741

### Deuteranopia

141.9150, 12.3669, 0.0745



## Tritanopia

132.4100, -21.4011, 97.8644

# Trichromacy



## Original Color

127.5120, 24.3976, 108.2990



## Protanomaly

133.9520, 39.9567, 17.5821



## Deuteranomaly

136.7210, 16.8995, 39.7097



## Tritanomaly

130.4980, -4.6825, 102.1723

# Monochromacy



## Original Color

127.5120, 24.3976, 108.2990



## Achromatopsia

128.0000, 0.0000, 0.0000



## Achromatomaly

127.6580, 9.0426, 39.7649

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.5120, 24.3976, 108.2990 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, 55, 177)` looks like.

```
.text, #text, p{  
    color:rgb(251, 55, 177)  
}
```

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, 55, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 55, 177) }
```

## Border

The CSS property to change the border of an element to YUV 127.5120, 24.3976, 108.2990 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, 55, 177) }
```



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

```
.border{ border-color:rgb(251, 55, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 55, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 55, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 55, 177);  
box-shadow:4px 4px 4px 4px rgb(251, 55,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 127.5120, 24.3976, 108.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 55, 177) }
```

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

```
.background{ background-color: rgb(251, 55,  
177) }
```

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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