

# Converting Colors

YUV(101.2350, 48.1981,  
127.8359)

Have a look what the booklet for  
YUV(101.2350, 48.1981, 127.8359)  
contains.

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# Color

**YUV(101.2350, 48.1981,  
127.8359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F708C7
RGB	247, 8, 199
RGB Percent	97%, 3%, 78%
CMY	0.0314, 0.9686, 0.2196
CMYK	0.00, 0.97, 0.19, 0.03
HSL	312°, 94%, 50%
HSV	312°, 97%, 97%
XYZ	48.7534, 24.0713, 56.1095
YIQ	101.2350, 81.1330, 110.0690

# Conversions

## Conversions Part 2

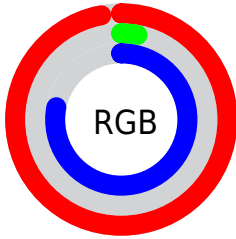
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 8, 199
Decimal	16189639
CIE <sub>Lab</sub>	56.16, 89.21, -35.93
CIE <sub>LCh</sub>	56, 96.178, 338.062
Yxy	24.0713, 0.3781, 0.1867
Android (android.graphics.Color)	4294379719 (0xFFFF708C7)
YUV	101.2350, 48.1981, 127.8359
Hunter-Lab	49.0626, 91.5158, -33.4621

# Details

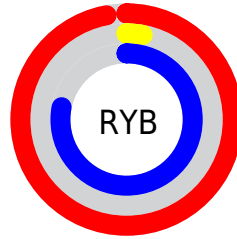
The YUV color **101.2350, 48.1981, 127.8359** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **153.7650, -48.1981, -127.8359**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **71.8450, 36.0654, 99.2369** is the 20% darker color. If you saturate the color by 10%, you get **96.3110, 49.6397, 132.1543**, and if you desaturate by 10%, it is **116.4800, 43.1474, 114.4660**.

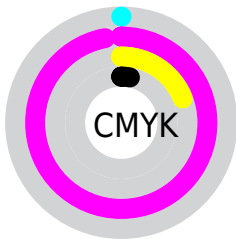
# Distribution



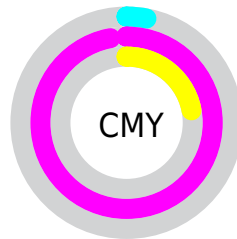
- Red (97%)
- Green (3%)
- Blue (78%)



- Red (97%)
- Yellow (3%)
- Blue (78%)



- Cyan (0%)
- Magenta (97%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (97%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.2350, 48.1981, 127.8359 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 101.2350, 48.1981, 127.8359 by changing the saturation by 10% instead.



101.2350, 48.1981,  
127.8359

101.2350, 48.1981,  
127.8359

255.0000, 0.0000,  
0.0000

84.0780, 42.8525,  
115.6956

165.7760, 43.9874,  
78.2494

71.8450, 36.0654,  
99.2369

184.5600, 34.7269,  
61.7759

59.9110, 29.1309,  
83.3931

202.7570, 25.7558,  
45.8171

48.2760, 22.0489,  
68.1639

220.9540, 16.7847,  
29.8583

36.5700, 15.9880,  
52.1201

238.5640, 8.1029,  
14.4144

25.5760, 10.0690,  
37.2058

14.0980, 4.8817,

20.9621

■ 0.0000, 0.0000,  
0.0000

■ 101.2350, 48.1981,  
127.8359

■ 101.2350, 48.1981,  
127.8359

■ 96.3110, 49.6397,  
132.1543

■ 116.4800, 43.1474,  
114.4660

■ 131.1380, 38.3860,  
101.6110

■ 146.3830, 33.3352,  
88.2411

■ 161.6280, 28.2844,  
74.8712

■ 176.2860, 23.5230,  
62.0162

■ 191.5310, 18.4722,  
48.6463

■ 206.7760, 13.4214,  
35.2764

■ 222.0210, 8.3706,  
21.9066

■ 236.6790, 3.6093,  
9.0515

# Harmonies

## Analogous

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



133.5390, 59.8803, 20.5753



101.2350, 48.1981, 127.8359



89.4690, 13.0798, 145.1707

# Triad

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



101.2350, 48.1981, 127.8359



124.6490, -61.4520, 16.9708



125.6340, 54.9034, -110.1810

# Complementary

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



101.2350, 48.1981, 127.8359



153.7650, -48.1981, -127.8359

# 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.



116.4000, 19.5228, -102.0828



101.2350, 48.1981, 127.8359



101.4390, -50.0094, -60.0210

# Square

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



101.2350, 48.1981, 127.8359



125.6100, -61.9257, 75.7640



104.3790, -18.9208, -91.5404



122.9900, 65.0809, -107.8622



# Rectangle

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



101.2350, 48.1981, 127.8359



83.3130, -10.5073, 150.5695



104.3790, -18.9208, -91.5404



122.7840, 43.9835, -107.6816

# Sweetspot

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



101.2350, 48.1981, 127.8359



209.8520, 14.8630, 39.5948



49.5980, 97.3192, 5.6146



100.5590, 9.0914, 24.0658



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.



101.2350, 48.1981, 127.8359



99.5010, 51.5180, 136.3726



87.6690, -3.7808, 139.7333



114.7280, 2.5991, 6.3775



72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729



# Inverse Universe

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



101.2350, 48.1981, 127.8359



99.5010, 51.5180, 136.3726



167.3310, 3.7808, -139.7333



114.7280, 2.5991, 6.3775



72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729



# Previews

## White Background



This preview shows how the YUV color 101.2350, 48.1981, 127.8359 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

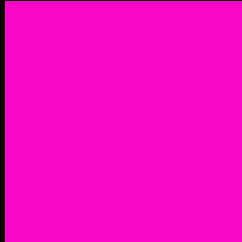
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.2350, 48.1981, 127.8359 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 101.2350, 48.1981, 127.8359 Background



This preview shows how black text looks on a background with the YUV color 101.2350, 48.1981, 127.8359.



This preview shows how white text looks on a background with the YUV color 101.2350, 48.1981, 127.8359.



# 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

101.2350, 48.1981, 127.8359

### Protanopia

126.8860, 63.1602, -51.6430

### Deuteranopia

135.5570, 25.3614, -14.5205



## Tritanopia

126.6980, -21.5431, 96.7349

# Trichromacy



## Original Color

101.2350, 48.1981, 127.8359



## Protanomaly

117.6260, 57.8654, 13.4830



## Deuteranomaly

123.0640, 33.4924, 37.6549



## Tritanomaly

117.4200, 3.7369, 108.3797

# Monochromacy



## Original Color

101.2350, 48.1981, 127.8359



## Achromatopsia

101.0000, 0.0000, 0.0000



## Achromatomaly

100.9930, 17.7515, 46.4871

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.2350, 48.1981, 127.8359 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(247, 8, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 8, 199)  
}
```

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(247, 8, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 8, 199) }
```

## Border

The CSS property to change the border of an element to YUV 101.2350, 48.1981, 127.8359 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(247, 8, 199) }
```



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

```
.border{ border-color:rgb(247, 8, 199) }
```

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

Here you see how a box with a 4 pixel rgb(247, 8, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 8, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 8, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 8,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 101.2350, 48.1981, 127.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 8, 199) }
```

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

```
.background{ background-color: rgb(247, 8,  
199) }
```

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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