

# Converting Colors

YUV(102.7580, 38.0803,  
106.3292)

Have a look what the booklet for  
YUV(102.7580, 38.0803, 106.3292)  
contains.

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# Color

**YUV(102.7580, 38.0803,  
106.3292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E01AB4
RGB	224, 26, 180
RGB Percent	88%, 10%, 71%
CMY	0.1216, 0.8980, 0.2941
CMYK	0.00, 0.88, 0.20, 0.12
HSL	313°, 79%, 49%
HSV	313°, 88%, 88%
XYZ	39.3481, 19.8814, 44.9436
YIQ	102.7580, 68.5740, 89.8700

# Conversions

## Conversions Part 2

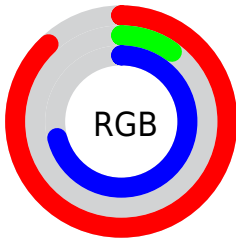
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 26, 180
Decimal	14686900
CIE <sub>Lab</sub>	51.70, 80.83, -32.18
CIE <sub>LCh</sub>	52, 86.997, 338.288
Yxy	19.8814, 0.3777, 0.1908
Android (android.graphics.Color)	4292876980 (0xFFE01AB4)
YUV	102.7580, 38.0803, 106.3292
Hunter-Lab	44.5885, 79.4911, -28.5502

# Details

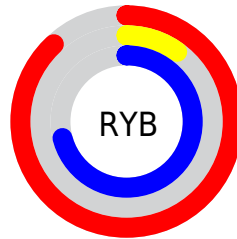
The YUV color **102.7580, 38.0803, 106.3292** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **147.2420, -38.0803, -106.3292**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0230, 35.9777, 80.6638**, and **63.5140, 31.2986, 88.1262** is the 20% darker color. If you saturate the color by 10%, you get **89.2740, 42.2629, 118.1547**, and if you desaturate by 10%, it is **116.2420, 33.8977, 94.5038**.

# Distribution



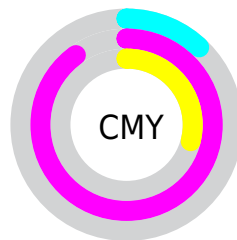
- Red (88%)
- Green (10%)
- Blue (71%)



- Red (88%)
- Yellow (10%)
- Blue (71%)



- Cyan (0%)
- Magenta (88%)
- Yellow (20%)
- Black (12%)




- Cyan (12%)
- Magenta (90%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 102.7580, 38.0803, 106.3292 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 102.7580, 38.0803, 106.3292 by changing the saturation by 10% instead.





 102.7580, 38.0803,  
106.3292


 102.7580, 38.0803,  
106.3292


255.0000, 0.0000,  
0.0000

 75.4480, 38.2331,  
103.9701


 163.0230, 35.9777,  
80.6638


 63.5140, 31.2986,  
88.1262


 183.3860, 35.3057,  
62.8055

 51.5800, 24.3641,  
72.2823

 200.9960, 26.6240,  
47.3615

 40.1730, 18.1557,  
56.8533

 218.6060, 17.9422,  
31.9175

 29.4780, 12.0893,  
42.5538

 236.2160, 9.2605,  
16.4736

 18.2990, 6.7546,  
26.9248

254.4130, 0.2894,

 1.4240, 0.2840,

0.5148

2.2592

■ 0.0000, 0.0000,  
0.0000

■ 102.7580, 38.0803,  
106.3292

■ 102.7580, 38.0803,  
106.3292

■ 89.2740, 42.2629,  
118.1547

■ 116.2420, 33.8977,  
94.5038

■ 86.8120, 42.9837,  
120.3139

■ 130.3130, 29.4257,  
82.1635

■ 143.7970, 25.2431,  
70.3380

■ 157.8680, 20.7711,  
57.9978

■ 171.3520, 16.5885,  
46.1723

■ 184.8360, 12.4059,  
34.3468

■ 198.9070, 7.9338,  
22.0066

■ 212.3910, 3.7512,  
10.1811

■ 226.4620, -0.7208,  
-2.1592

# Harmonies

## Analogous

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



124.3600, 57.9965, 18.1013



102.7580, 38.0803, 106.3292



86.5350, 9.5962, 142.4818

# Triad

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



102.7580, 38.0803, 106.3292



114.0170, -56.2104, 15.7711



114.3210, 49.6347, -100.2595

# Complementary

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



102.7580, 38.0803, 106.3292



147.2420, -38.0803, -106.3292

# 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.



106.7000, 17.8959, -93.5759



102.7580, 38.0803, 106.3292



95.0040, -46.8370, -50.8695

# Square

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



102.7580, 38.0803, 106.3292



114.9340, -56.6625, 67.5869



95.2320, -15.8904, -83.5185



114.7720, 69.1324, -100.6550



# Rectangle

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



102.7580, 38.0803, 106.3292



91.0090, -16.2734, 133.2961



95.2320, -15.8904, -83.5185



112.4000, 39.7358, -98.5748

# Sweetspot

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



102.7580, 38.0803, 106.3292



212.7870, 13.4160, 37.0208



61.4290, 80.1475, 6.6398



102.7930, 7.4971, 22.1065



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.



102.7580, 38.0803, 106.3292



98.8170, 48.8972, 136.9725



91.5860, -4.7259, 116.1271



105.3150, 2.3097, 5.8627



68.2420, 33.8977, 94.5038



18.6840, 9.5228, 25.7101



# Inverse Universe

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



102.7580, 38.0803, 106.3292



98.8170, 48.8972, 136.9725



158.4140, 4.7259, -116.1271



105.3150, 2.3097, 5.8627



68.2420, 33.8977, 94.5038



18.6840, 9.5228, 25.7101



# Previews

## White Background



This preview shows how the YUV color 102.7580, 38.0803, 106.3292 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

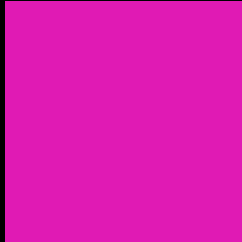
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 102.7580, 38.0803, 106.3292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

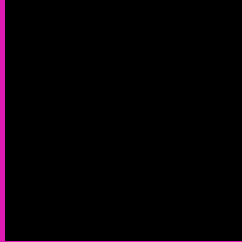
Any Text WCAG AA ✓ Pass

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 102.7580, 38.0803, 106.3292 Background



This preview shows how black text looks on a background with the YUV color 102.7580, 38.0803, 106.3292.



This preview shows how white text looks on a background with the YUV color 102.7580, 38.0803,



# 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

102.7580, 38.0803, 106.3292

### Protanopia

108.0240, 70.4872, -68.4270

### Deuteranopia

124.0690, 22.1510, -11.4615



## Tritanopia

116.6150, -19.0372, 86.2836

# Trichromacy



## Original Color

102.7580, 38.0803, 106.3292



## Protanomaly

106.3310, 58.5038, -4.6753



## Deuteranomaly

116.2390, 27.9832, 31.3624



## Tritanomaly

111.7510, 1.6018, 93.1804

# Monochromacy



## Original Color

102.7580, 38.0803, 106.3292



## Achromatopsia

103.0000, 0.0000, 0.0000



## Achromatomaly

102.9120, 13.8474, 38.6652

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 102.7580, 38.0803, 106.3292 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(224, 26, 180)` looks like.

```
.text, #text, p{  
    color:rgb(224, 26, 180)  
}
```

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(224, 26, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 26, 180) }
```

## Border

The CSS property to change the border of an element to YUV 102.7580, 38.0803, 106.3292 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(224, 26, 180) }
```



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

```
.border{ border-color:rgb(224, 26, 180) }
```

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

Here you see how a box with a 4 pixel rgb(224, 26, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 26, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 26, 180);  
box-shadow:4px 4px 4px 4px rgb(224, 26,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 102.7580, 38.0803, 106.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 26, 180) }
```

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

```
.background{ background-color: rgb(224, 26,  
180) }
```

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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