

# Converting Colors

YUV(102.7090, 18.8775,  
105.4952)

Have a look what the booklet for  
YUV(102.7090, 18.8775, 105.4952)  
contains.

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# Color

**YUV(102.7090, 18.8775,  
105.4952)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF228D
RGB	223, 34, 141
RGB Percent	87%, 13%, 55%
CMY	0.1255, 0.8667, 0.4471
CMYK	0.00, 0.85, 0.37, 0.13
HSL	326°, 75%, 50%
HSV	326°, 85%, 87%
XYZ	35.8112, 18.7551, 26.9319
YIQ	102.7090, 78.2970, 73.3450

# Conversions

## Conversions Part 2

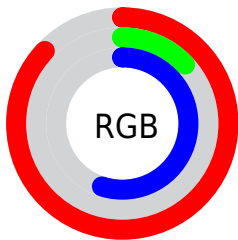
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 34, 141
Decimal	14623373
CIE Lab	50.40, 74.93, -11.06
CIE LCh	50, 75.738, 351.601
Yxy	18.7551, 0.4394, 0.2301
Android (android.graphics.Color)	4292813453 (0xFFDF228D)
YUV	102.7090, 18.8775, 105.4952
Hunter-Lab	43.3072, 71.8160, -6.5563

# Details

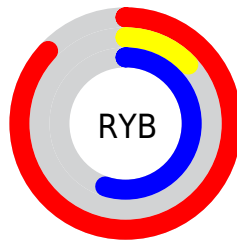
The YUV color **102.7090, 18.8775, 105.4952** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **154.2910, -18.8775, -105.4952**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5230, 17.4902, 83.7333**, and **58.8120, 15.8687, 90.4959** is the 20% darker color. If you saturate the color by 10%, you get **88.6550, 20.8761, 117.8206**, and if you desaturate by 10%, it is **116.7630, 16.8788, 93.1698**.

# Distribution



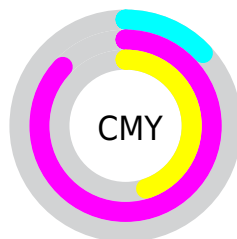
- Red (87%)
- Green (13%)
- Blue (55%)



- Red (87%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (85%)
- Yellow (37%)
- Black (13%)




- Cyan (13%)
- Magenta (87%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 102.7090, 18.8775, 105.4952 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 102.7090, 18.8775, 105.4952 by changing the saturation by 10% instead.





 102.7090, 18.8775,  
105.4952

 102.7090, 18.8775,  
105.4952


255.0000, 0.0000,  
0.0000


 70.5180, 21.9296,  
106.5397


 159.5230, 17.4902,  
83.7333


 58.8120, 15.8687,  
90.4959


 180.3250, 21.0388,  
65.4900

 47.1060, 9.8077,  
74.4520


 201.1270, 24.5874,  
47.2466

 35.9270, 4.4730,  
58.8230

 218.6060, 17.9422,  
31.9175

 25.2750, -0.1356,  
43.6088

 236.2160, 9.2605,  
16.4736

 13.6830, -5.7597,  
27.4650

254.4130, 0.2894,

 0.0000, 0.0000,

0.5148

0.0000

■ 102.7090, 18.8775,  
105.4952

■ 102.7090, 18.8775,  
105.4952

■ 88.6550, 20.8761,  
117.8206

■ 116.7630, 16.8788,  
93.1698

■ 81.0410, 22.1648,  
124.4980

■ 131.2900, 14.1540,  
80.4297

■ 145.3440, 12.1554,  
68.1043

■ 159.3980, 10.1568,  
55.7790

■ 173.9250, 7.4320,  
43.0388

■ 187.9790, 5.4334,  
30.7134

■ 202.0330, 3.4347,  
18.3881

■ 215.9730, 0.9993,  
6.1627

■ 230.6140, -1.2887,  
-6.6775

# Harmonies

## Analogous

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



120.7480, 39.5642, 50.2100



102.7090, 18.8775, 105.4952



100.7290, -11.6984, 112.4937

# Triad

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



102.7090, 18.8775, 105.4952



107.0960, -52.7983, -5.3462



109.7220, 54.8601, -96.2262

# Complementary

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



102.7090, 18.8775, 105.4952



154.2910, -18.8775, -105.4952

# 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.



105.8000, 29.6786, -92.7866



102.7090, 18.8775, 105.4952



85.8450, -29.0106, -75.2861

# Square

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



102.7090, 18.8775, 105.4952



113.2960, -55.8549, 41.8364



96.9880, 0.9919, -85.0585



107.0440, 69.9843, -93.8776



# Rectangle

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



102.7090, 18.8775, 105.4952



107.9030, -35.9412, 94.8011



96.9880, 0.9919, -85.0585



109.0720, 47.2925, -95.6561

# Sweetspot

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



102.7090, 18.8775, 105.4952



214.2400, 6.2907, 35.7465



80.0640, 70.4674, 31.5159



103.1690, 3.8607, 21.7768



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.



102.7090, 18.8775, 105.4952



92.6610, 25.3101, 142.3713



91.9930, -22.1815, 114.8931



104.9730, 0.9993, 6.1627



64.0240, 17.7362, 98.2030



17.4300, 4.7180, 26.8099



# Inverse Universe

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



102.7090, 18.8775, 105.4952



92.6610, 25.3101, 142.3713



165.0070, 22.1815, -114.8931



104.9730, 0.9993, 6.1627



64.0240, 17.7362, 98.2030



17.4300, 4.7180, 26.8099



# Previews

## White Background



This preview shows how the YUV color 102.7090, 18.8775, 105.4952 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

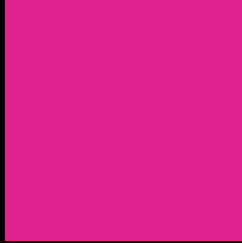
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 102.7090, 18.8775, 105.4952 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 102.7090, 18.8775, 105.4952 Background



This preview shows how black text looks on a background with the YUV color 102.7090, 18.8775, 105.4952.



This preview shows how white text looks on a background with the YUV color 102.7090, 18.8775, 105.4952.



# 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

102.7090, 18.8775, 105.4952

### Protanopia

118.8190, 38.0502, -24.3973

### Deuteranopia

121.7000, 5.0779, 4.6481



## Tritanopia

108.9860, -21.6851, 95.6053

# Trichromacy



## Original Color

102.7090, 18.8775, 105.4952



## Protanomaly

112.6940, 31.2099, 23.0704



## Deuteranomaly

114.8970, 9.9108, 41.3093



## Tritanomaly

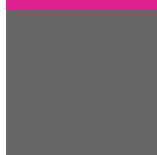
106.9060, -6.8557, 99.1834

# Monochromacy



## Original Color

102.7090, 18.8775, 105.4952



## Achromatopsia

103.0000, 0.0000, 0.0000



## Achromatomaly

103.0770, 6.8640, 38.5205

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 102.7090, 18.8775, 105.4952 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(223, 34, 141)` looks like.

```
.text, #text, p{  
    color:rgb(223, 34, 141)  
}
```

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(223, 34, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 34, 141) }
```

## Border

The CSS property to change the border of an element to YUV 102.7090, 18.8775, 105.4952 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(223, 34, 141) }
```



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

```
.border{ border-color:rgb(223, 34, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 34, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 34, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 34, 141);  
box-shadow:4px 4px 4px 4px rgb(223, 34,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 102.7090, 18.8775, 105.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 34, 141) }
```

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

```
.background{ background-color: rgb(223, 34,  
141) }
```

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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