

# Converting Colors

YUV(103.9470, 21.2251,  
99.1475)

Have a look what the booklet for  
YUV(103.9470, 21.2251, 99.1475)  
contains.

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# Color

**YUV(103.9470, 21.2251,  
99.1475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D92693
RGB	217, 38, 147
RGB Percent	85%, 15%, 58%
CMY	0.1490, 0.8510, 0.4235
CMYK	0.00, 0.82, 0.32, 0.15
HSL	323°, 70%, 50%
HSV	323°, 82%, 85%
XYZ	34.5748, 18.2445, 29.3030
YIQ	103.9470, 71.6950, 71.8470

# Conversions

## Conversions Part 2

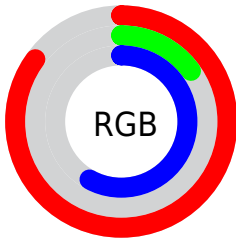
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 38, 147
Decimal	14231187
CIE Lab	49.79, 73.34, -15.69
CIE LCh	50, 75.002, 347.923
Yxy	18.2445, 0.4210, 0.2222
Android (android.graphics.Color)	4292421267 (0xFFD92693)
YUV	103.9470, 21.2251, 99.1475
Hunter-Lab	42.7136, 69.7393, -10.7755

# Details

The YUV color **103.9470, 21.2251, 99.1475** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **151.0530, -21.2251, -99.1475**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7940, 19.8216, 82.6187**, and **57.8870, 18.7897, 86.9221** is the 20% darker color. If you saturate the color by 10%, you get **90.1210, 24.0973, 111.2729**, and if you desaturate by 10%, it is **117.7730, 18.3529, 87.0221**.

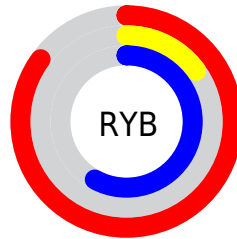
# Distribution



Red (85%)

Green (15%)

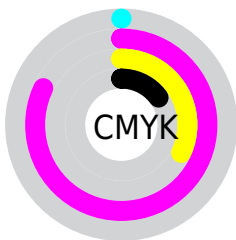
Blue (58%)



Red (85%)

Yellow (15%)

Blue (58%)

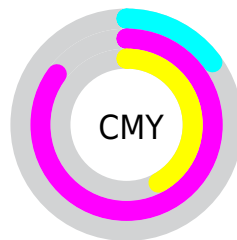


Cyan (0%)

Magenta (82%)

Yellow (32%)

Black (15%)



Cyan (15%)

Magenta (85%)


Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.9470, 21.2251, 99.1475 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 103.9470, 21.2251, 99.1475 by changing the saturation by 10% instead.





 103.9470, 21.2251,  
99.1475


 103.9470, 21.2251,  
99.1475


255.0000, 0.0000,  
0.0000


 69.7070, 25.2874,  
102.8660


 160.7940, 19.8216,  
82.6187


 57.8870, 18.7897,  
86.9221

 181.5960, 23.3702,  
64.3753


 46.2950, 13.1656,  
70.7783


 202.1700, 26.0452,  
46.3319

 35.0020, 7.3940,  
55.2492

 219.1930, 17.6529,  
31.4027

 24.8340, 2.0538,  
41.3646

 236.8030, 8.9711,  
15.9588

 12.6720, -5.7543,  
25.7207

254.4130, 0.2894,

 0.0000, 0.0000,

0.5148

0.0000

■ 103.9470, 21.2251,  
99.1475

■ 103.9470, 21.2251,  
99.1475

■ 90.1210, 24.0973,  
111.2729

■ 117.7730, 18.3529,  
87.0221

■ 79.9310, 25.6700,  
120.2095

■ 131.1260, 16.2069,  
75.3115

■ 144.9520, 13.3347,  
63.1861

■ 158.8920, 10.8992,  
50.9607

■ 172.7180, 8.0270,  
38.8353

■ 186.0710, 5.8810,  
27.1247

■ 199.8970, 3.0088,  
14.9993

■ 213.8370, 0.5734,  
2.7740

■ 227.0760, -2.0095,  
-8.8367

# Harmonies

## Analogous

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



120.2630, 41.7753, 40.9883



103.9470, 21.2251, 99.1475



97.9940, -6.8990, 113.1383

# Triad

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



103.9470, 21.2251, 99.1475



106.8410, -52.6726, 1.0164



108.2230, 51.6551, -94.9116

# Complementary

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



103.9470, 21.2251, 99.1475



151.0530, -21.2251, -99.1475

# 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.



103.4860, 25.8894, -90.7572



103.9470, 21.2251, 99.1475



83.0750, -34.5470, -72.8568

# Square

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



103.9470, 21.2251, 99.1475



111.5570, -54.9976, 46.8695



94.6740, -2.7973, -83.0291



106.4740, 67.8003, -93.3777



# Rectangle

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



103.9470, 21.2251, 99.1475



105.5920, -30.8579, 97.7048



94.6740, -2.7973, -83.0291



107.4590, 43.6507, -94.2415

# Sweetspot

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



103.9470, 21.2251, 99.1475



214.5820, 7.6011, 35.4466



79.0370, 68.0158, 24.5236



103.3970, 4.7343, 21.5768



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.



103.9470, 21.2251, 99.1475



95.7900, 29.6835, 139.6272



93.9150, -17.2131, 107.9455



102.9730, 0.9993, 6.1627



63.8110, 20.7992, 95.7588



16.9460, 5.4496, 25.4804



# Inverse Universe

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



103.9470, 21.2251, 99.1475



95.7900, 29.6835, 139.6272



161.0850, 17.2131, -107.9455



102.9730, 0.9993, 6.1627



63.8110, 20.7992, 95.7588



16.9460, 5.4496, 25.4804



# Previews

## White Background



This preview shows how the YUV color 103.9470, 21.2251, 99.1475 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

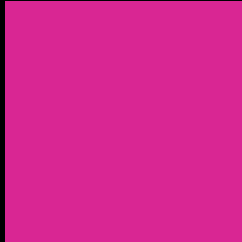
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 103.9470, 21.2251, 99.1475 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 103.9470, 21.2251, 99.1475

## Background



This preview shows how black text looks on a background with the YUV color 103.9470, 21.2251, 99.1475.



This preview shows how white text looks on a background with the YUV color 103.9470, 21.2251, 99.1475.



# 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

103.9470, 21.2251, 99.1475

### Protanopia

116.4100, 41.7029, -29.3006

### Deuteranopia

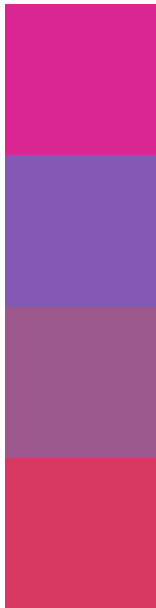
120.3020, 8.7251, 1.4891



## Tritanopia

110.1100, -19.7742, 89.3575

# Trichromacy



## Original Color

103.9470, 21.2251, 99.1475

## Protanomaly

111.7580, 34.1363, 17.7522

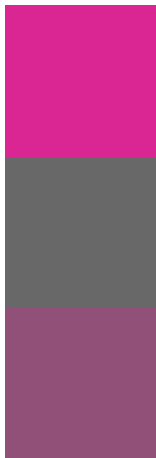
## Deuteranomaly

114.6730, 12.9792, 37.1208

## Tritanomaly

108.0300, -4.9448, 92.9357

# Monochromacy



## Original Color

103.9470, 21.2251, 99.1475

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

103.9950, 7.8905, 35.9614

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.9470, 21.2251, 99.1475 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(217, 38, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 38, 147)  
}
```

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(217, 38, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 38, 147) }
```

## Border

The CSS property to change the border of an element to YUV 103.9470, 21.2251, 99.1475 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(217, 38, 147) }
```



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

```
.border{ border-color:rgb(217, 38, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 38, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 38, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 38, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 38,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 103.9470, 21.2251, 99.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 38, 147) }
```

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

```
.background{ background-color: rgb(217, 38,  
147) }
```

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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