

# Converting Colors

YUV(98.4940, 24.8995, 87.2668)

Have a look what the booklet for  
YUV(98.4940, 24.8995, 87.2668)  
contains.

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# Color

**YUV(98.4940, 24.8995,  
87.2668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62695
RGB	198, 38, 149
RGB Percent	78%, 15%, 58%
CMY	0.2235, 0.8510, 0.4157
CMYK	0.00, 0.81, 0.25, 0.22
HSL	318°, 68%, 46%
HSV	318°, 81%, 78%
XYZ	29.4066, 15.5619, 29.8876
YIQ	98.4940, 59.7290, 68.4410

# Conversions

## Conversions Part 2

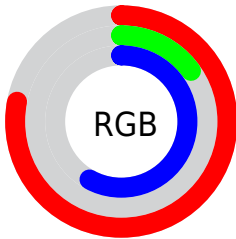
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 38, 149
Decimal	12986005
CIE Lab	46.39, 69.23, -22.40
CIE LCh	46, 72.766, 342.069
Yxy	15.5619, 0.3928, 0.2079
Android (android.graphics.Color)	4291176085 (0xFFC62695)
YUV	98.4940, 24.8995, 87.2668
Hunter-Lab	39.4486, 64.0263, -17.3061

# Details

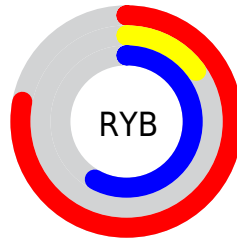
The YUV color **98.4940, 24.8995, 87.2668** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **137.5060, -24.8995, -87.2668**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8480, 21.2739, 83.4483**, and **52.7330, 22.3166, 75.6562** is the 20% darker color. If you saturate the color by 10%, you get **86.0700, 28.0665, 98.1626**, and if you desaturate by 10%, it is **110.9180, 21.7324, 76.3709**.

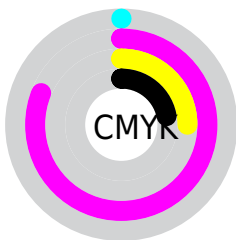
# Distribution



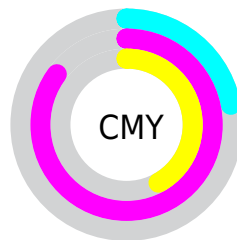
- Red (78%)
- Green (15%)
- Blue (58%)



- Red (78%)
- Yellow (15%)
- Blue (58%)



- Cyan (0%)
- Magenta (81%)
- Yellow (25%)
- Black (22%)




- Cyan (22%)
- Magenta (85%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.4940, 24.8995, 87.2668 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 98.4940, 24.8995, 87.2668 by changing the saturation by 10% instead.





 98.4940, 24.8995,  
87.2668


 98.4940, 24.8995,  
87.2668


255.0000, 0.0000,  
0.0000


 64.2540, 28.9618,  
90.9852


 159.8480, 21.2739,  
83.4483


 52.7330, 22.3166,  
75.6562


 180.1770, 25.5487,  
65.6198


 41.6250, 15.9609,  
60.8419


 199.8220, 27.2028,  
48.3911

 30.6310, 10.0419,  
45.9276

 216.8450, 18.8104,  
33.4619

 20.1640, 4.8491,  
31.4282

 233.8680, 10.4181,  
18.5328

 6.8770, -3.3904,  
14.1399

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 98.4940, 24.8995,  
87.2668

■ 98.4940, 24.8995,  
87.2668

■ 86.0700, 28.0665,  
98.1626

■ 110.9180, 21.7324,  
76.3709

■ 74.8200, 30.6547,  
108.0289

■ 123.3420, 18.5654,  
65.4751

■ 135.1790, 15.6878,  
55.0940

■ 147.6030, 12.5207,  
44.1982

■ 160.0270, 9.3537,  
33.3023

■ 172.4510, 6.1867,  
22.4065

■ 184.8750, 3.0196,  
11.5106

■ 196.8260, 0.5788,  
1.0296

■ 209.2500, -2.5882,  
-9.8662

# Harmonies

## Analogous

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



112.1470, 44.2975, 25.3041



98.4940, 24.8995, 87.2668



85.4700, 1.2473, 113.5978

# Triad

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



98.4940, 24.8995, 87.2668



100.6940, -49.6421, 9.0384



101.0190, 44.3606, -88.5937

# Complementary

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



98.4940, 24.8995, 87.2668



137.5060, -24.8995, -87.2668

# 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.



95.1080, 19.1738, -83.4097



98.4940, 24.8995, 87.2668



84.4050, -41.6117, -46.8362

# Square

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



98.4940, 24.8995, 87.2668



103.3280, -50.9407, 52.3323



86.6380, -8.2025, -75.9815



100.4270, 62.4005, -88.0745



# Rectangle

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



98.4940, 24.8995, 87.2668



94.7800, -22.5695, 99.2939



86.6380, -8.2025, -75.9815



99.0810, 36.9351, -86.8940

# Sweetspot

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



98.4940, 24.8995, 87.2668



217.0270, 9.3537, 33.3023



70.5920, 62.8121, 13.5128



104.9130, 5.4659, 20.2473



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.



98.4940, 24.8995, 87.2668



101.3470, 38.2829, 134.7537



89.4880, -9.6076, 95.1650



93.3750, 1.2941, 4.9331



61.6190, 25.3308, 88.9111



13.6140, 5.6133, 19.6325



# Inverse Universe

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



98.4940, 24.8995, 87.2668



101.3470, 38.2829, 134.7537



146.5120, 9.6076, -95.1650



93.3750, 1.2941, 4.9331



61.6190, 25.3308, 88.9111



13.6140, 5.6133, 19.6325



# Previews

## White Background



This preview shows how the YUV color 98.4940, 24.8995, 87.2668 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 98.4940, 24.8995, 87.2668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

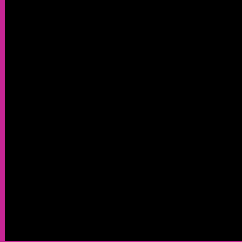
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 98.4940, 24.8995, 87.2668

## Background



This preview shows how black text looks on a background with the YUV color 98.4940, 24.8995, 87.2668.



This preview shows how white text looks on a background with the YUV color 98.4940, 24.8995,



# 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

98.4940, 24.8995, 87.2668

### Protanopia

105.5600, 47.5449, -36.4481

### Deuteranopia

111.6370, 13.9830, -4.9436



## Tritanopia

104.8310, -16.6787, 76.4472

# Trichromacy



## Original Color

98.4940, 24.8995, 87.2668



## Protanomaly

103.3700, 39.2576, 8.4455



## Deuteranomaly

106.5840, 17.9531, 28.4288



## Tritanomaly

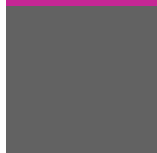
102.1640, -1.5599, 80.5402

# Monochromacy



## Original Color

98.4940, 24.8995, 87.2668



## Achromatopsia

98.0000, 0.0000, 0.0000



## Achromatomaly

98.0160, 9.3591, 31.5580

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.4940, 24.8995, 87.2668 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(198, 38, 149)` looks like.

```
.text, #text, p{  
    color:rgb(198, 38, 149)  
}
```

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(198, 38, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 38, 149) }
```

## Border

The CSS property to change the border of an element to YUV 98.4940, 24.8995, 87.2668 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(198, 38, 149) }
```



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

```
.border{ border-color:rgb(198, 38, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 38, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 38, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 38, 149);  
box-shadow:4px 4px 4px 4px rgb(198, 38,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 98.4940, 24.8995, 87.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 38, 149) }
```

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

```
.background{ background-color: rgb(198, 38,  
149) }
```

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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