

# Converting Colors

YUV(98.8160, 26.7127,  
112.4174)

Have a look what the booklet for  
YUV(98.8160, 26.7127, 112.4174)  
contains.

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# Color

**YUV(98.8160, 26.7127,  
112.4174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E31799
RGB	227, 23, 153
RGB Percent	89%, 9%, 60%
CMY	0.1098, 0.9098, 0.4000
CMYK	0.00, 0.90, 0.33, 0.11
HSL	322°, 82%, 49%
HSV	322°, 90%, 89%
XYZ	37.7347, 19.2436, 31.8625
YIQ	98.8160, 79.8540, 83.6780

# Conversions

## Conversions Part 2

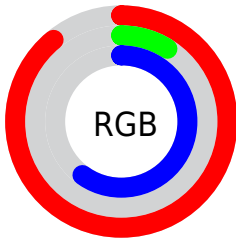
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 23, 153
Decimal	14882713
CIE <sub>Lab</sub>	50.97, 78.82, -17.31
CIE <sub>LCh</sub>	51, 80.695, 347.610
Yxy	19.2436, 0.4247, 0.2166
Android (android.graphics.Color)	4293072793 (0xFFE31799)
YUV	98.8160, 26.7127, 112.4174
Hunter-Lab	43.8675, 76.7770, -12.3572

# Details

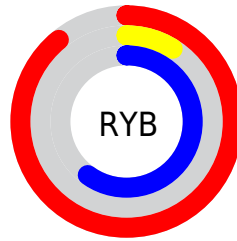
The YUV color **98.8160, 26.7127, 112.4174** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **151.1840, -26.7127, -112.4174**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1300, 23.5999, 84.0780**, and **61.2620, 20.0838, 91.8552** is the 20% darker color. If you saturate the color by 10%, you get **84.4030, 29.8743, 125.0576**, and if you desaturate by 10%, it is **113.2290, 23.5511, 99.7772**.

# Distribution



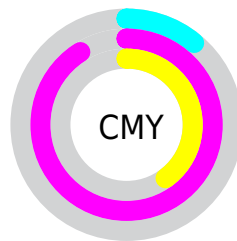
- Red (89%)
- Green (9%)
- Blue (60%)



- Red (89%)
- Yellow (9%)
- Blue (60%)



- Cyan (0%)
- Magenta (90%)
- Yellow (33%)
- Black (11%)




- Cyan (11%)
- Magenta (91%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.8160, 26.7127, 112.4174 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 98.8160, 26.7127, 112.4174 by changing the saturation by 10% instead.





 98.8160, 26.7127,  
112.4174


 98.8160, 26.7127,  
112.4174


255.0000, 0.0000,  
0.0000


 73.0820, 26.5816,  
107.7991


 159.1300, 23.5999,  
84.0780


 61.2620, 20.0838,  
91.8552

 180.0460, 27.5853,  
65.7347

 49.5560, 14.0229,  
75.8114


 199.8220, 27.2028,  
48.3911

 38.2630, 8.2513,  
60.2823

 217.4320, 18.5210,  
32.9471

 27.4970, 3.2060,  
45.1681

 235.0420, 9.8393,  
17.5032

 15.3350, -4.6022,  
29.5242

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 98.8160, 26.7127,  
112.4174

■ 98.8160, 26.7127,  
112.4174

■ 84.4030, 29.8743,  
125.0576

■ 113.2290, 23.5511,  
99.7772

■ 127.0550, 20.6789,  
87.6518

■ 141.5820, 17.9541,  
74.9116

■ 155.9950, 14.7925,  
62.2714

■ 169.8210, 11.9202,  
50.1460

■ 184.2340, 8.7586,  
37.5058

■ 198.7610, 6.0338,  
24.7656

■ 213.1740, 2.8722,  
12.1254

■ 227.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



122.4250, 46.1325, 43.4773



98.8160, 26.7127, 112.4174



90.2440, -2.5853, 129.5820

# Triad

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



98.8160, 26.7127, 112.4174



109.7870, -54.1250, 0.1868



112.2980, 54.5761, -98.4853

# Complementary

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



98.8160, 26.7127, 112.4174



151.1840, -26.7127, -112.4174

# 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.



106.4040, 26.9158, -93.3163



98.8160, 26.7127, 112.4174



83.9410, -41.3829, -73.6163

# Square

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



98.8160, 26.7127, 112.4174



114.5250, -56.4608, 49.5286



97.0220, -3.9548, -85.0883



110.0760, 71.4475, -96.5367



# Rectangle

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



98.8160, 26.7127, 112.4174



105.3050, -32.1954, 106.7265



97.0220, -3.9548, -85.0883



110.8330, 46.4243, -97.2005

# Sweetspot

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



98.8160, 26.7127, 112.4174



211.6470, 9.0480, 38.0206



67.4850, 78.6409, 23.2537



102.2230, 5.3131, 22.6064



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.



98.8160, 26.7127, 112.4174



94.8270, 33.6093, 140.4717



87.5300, -16.5303, 122.3152



107.5000, 1.7255, 6.5775



66.5170, 23.4091, 98.6476



19.0110, 6.8966, 28.0544



# Inverse Universe

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



98.8160, 26.7127, 112.4174



94.7130, 33.1725, 140.5717



162.4700, 16.5303, -122.3152



107.5000, 1.7255, 6.5775



66.5170, 23.4091, 98.6476



18.8970, 6.4598, 28.1543



# Previews

## White Background



This preview shows how the YUV color 98.8160, 26.7127, 112.4174 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 98.8160, 26.7127, 112.4174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

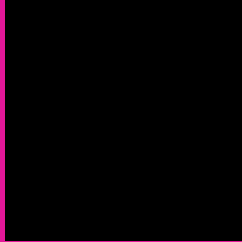
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 98.8160, 26.7127, 112.4174

## Background



This preview shows how black text looks on a background with the YUV color 98.8160, 26.7127, 112.4174.



This preview shows how white text looks on a background with the YUV color 98.8160, 26.7127,



# 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

98.8160, 26.7127, 112.4174

### Protanopia

117.7990, 48.4131, -34.9037

### Deuteranopia

123.2310, 9.7461, 0.6744



## Tritanopia

110.5840, -21.9799, 96.8348

# Trichromacy



## Original Color

98.8160, 26.7127, 112.4174



## Protanomaly

110.7780, 40.5354, 18.6117



## Deuteranomaly

114.2050, 16.1679, 41.0392



## Tritanomaly

106.0250, -3.9563, 102.5871

# Monochromacy



## Original Color

98.8160, 26.7127, 112.4174



## Achromatopsia

99.0000, 0.0000, 0.0000



## Achromatomaly

98.8970, 9.9108, 41.3093

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.8160, 26.7127, 112.4174 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(227, 23, 153)` looks like.

```
.text, #text, p{  
    color:rgb(227, 23, 153)  
}
```

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(227, 23, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 23, 153) }
```

## Border

The CSS property to change the border of an element to YUV 98.8160, 26.7127, 112.4174 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(227, 23, 153) }
```



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

```
.border{ border-color:rgb(227, 23, 153) }
```

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

Here you see how a box with a 4 pixel rgb(227, 23, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 23, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 23, 153);  
box-shadow:4px 4px 4px 4px rgb(227, 23,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 98.8160, 26.7127, 112.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 23, 153) }
```

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

```
.background{ background-color: rgb(227, 23,  
153) }
```

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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