

# Converting Colors

YUV(110.7980, 7.0016, 87.8772)

Have a look what the booklet for  
YUV(110.7980, 7.0016, 87.8772)  
contains.

<b>YUV(110.7980, 7.0016, 87.8772)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(110.7980, 7.0016,  
87.8772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3397D
RGB	211, 57, 125
RGB Percent	83%, 22%, 49%
CMY	0.1725, 0.7765, 0.5098
CMYK	0.00, 0.73, 0.41, 0.17
HSL	334°, 64%, 53%
HSV	334°, 73%, 83%
XYZ	32.0288, 18.2558, 21.2377
YIQ	110.7980, 69.9560, 53.7960

# Conversions

## Conversions Part 2

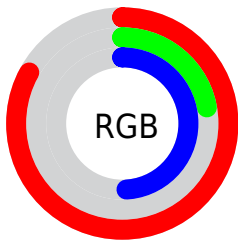
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 57, 125
Decimal	13842813
CIE <sub>Lab</sub>	49.80, 64.30, -2.53
CIE <sub>LCh</sub>	50, 64.348, 357.746
Yxy	18.2558, 0.4478, 0.2552
Android (android.graphics.Color)	4292032893 (0xFFD3397D)
YUV	110.7980, 7.0016, 87.8772
Hunter-Lab	42.7268, 59.0348, 0.4383

# Details

The YUV color **110.7980, 7.0016, 87.8772** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **157.2020, -7.0016, -87.8772**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5150, 6.1551, 79.3553**, and **53.8130, 10.9382, 85.2330** is the 20% darker color. If you saturate the color by 10%, you get **97.1030, 7.8372, 99.8877**, and if you desaturate by 10%, it is **124.4930, 6.1660, 75.8666**.

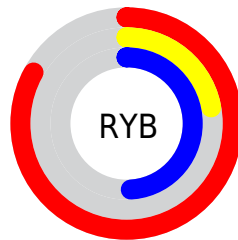
# Distribution



Red (83%)

Green (22%)

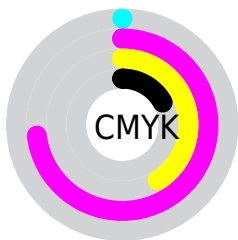
Blue (49%)



Red (83%)

Yellow (22%)

Blue (49%)

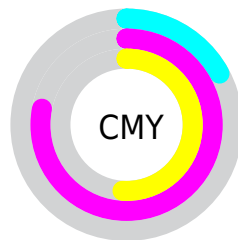


Cyan (0%)

Magenta (73%)

Yellow (41%)

Black (17%)



Cyan (17%)

Magenta (78%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 110.7980, 7.0016, 87.8772 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 110.7980, 7.0016, 87.8772 by changing the saturation by 10% instead.




 110.7980, 7.0016,  
87.8772

 110.7980, 7.0016,  
87.8772

255.0000, 0.0000,  
0.0000


 75.4980, 12.0795,  
92.5253

 164.5150, 6.1551,  
79.3553


 53.8130, 10.9382,  
85.2330


 184.7300, 9.9931,  
61.6268

 42.6340, 5.6034,  
69.6040


 204.9450, 13.8311,  
43.8982

 31.5690, 0.7055,  
53.8750

 224.4760, 15.0483,  
26.7695

 21.0590, -5.9451,  
40.2903

 241.4990, 6.6560,  
11.8404

 10.2800, -4.5750,  
20.8024

 0.0000, 0.0000,

0.0000

■ 110.7980, 7.0016,  
87.8772

■ 110.7980, 7.0016,  
87.8772

■ 97.1030, 7.8372,  
99.8877

■ 124.4930, 6.1660,  
75.8666

■ 83.4080, 8.6729,  
111.8982

■ 138.1880, 5.3303,  
63.8561

■ 73.6910, 9.5193,  
120.4200

■ 151.7690, 4.0579,  
51.9456

■ 165.4640, 3.2222,  
39.9351

■ 179.7460, 2.0972,  
27.4098

■ 193.4410, 1.2616,  
15.3992

■ 207.0220, -0.0108,  
3.4887

■ 220.7170, -0.8465,  
-8.5218

■ 234.4120, -1.6821,  
-20.5323

# Harmonies

## Analogous

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



119.5990, 28.7917, 52.0947



110.7980, 7.0016, 87.8772



109.9250, -19.1900, 88.6428

# Triad

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



110.7980, 7.0016, 87.8772



104.1170, -51.3297, -9.7496



105.0600, 52.2284, -92.1376

# Complementary

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



110.7980, 7.0016, 87.8772



157.2020, -7.0016, -87.8772

# 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.



103.0930, 31.9992, -90.4126



110.7980, 7.0016, 87.8772



87.9770, -15.7647, -77.1558

# Square

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



110.7980, 7.0016, 87.8772



111.1590, -54.8014, 30.5556



96.2360, 8.2647, -84.3990



100.6550, 63.2741, -88.2744



# Rectangle

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



110.7980, 7.0016, 87.8772



111.8420, -36.8971, 74.6836



96.2360, 8.2647, -84.3990



104.8660, 46.4081, -91.9675

# Sweetspot

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



110.7980, 7.0016, 87.8772



218.5940, 2.6652, 31.9281



99.9710, 54.7373, 36.8594



105.8760, 1.5401, 19.4027



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.



110.7980, 7.0016, 87.8772



109.2620, 10.2238, 127.8122



107.7420, -25.0158, 90.5573



97.8590, 0.5625, 6.2627



58.6680, 7.5587, 95.8842



14.3110, 1.8187, 23.4063



# Inverse Universe

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



110.7980, 7.0016, 87.8772



109.2620, 10.2238, 127.8122



160.2580, 25.0158, -90.5573



97.8590, 0.5625, 6.2627



58.6680, 7.5587, 95.8842

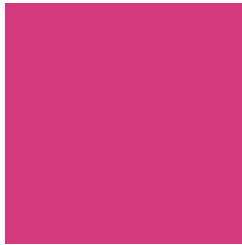


14.3110, 1.8187, 23.4063



# Previews

## White Background



This preview shows how the YUV color 110.7980, 7.0016, 87.8772 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 110.7980, 7.0016, 87.8772 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

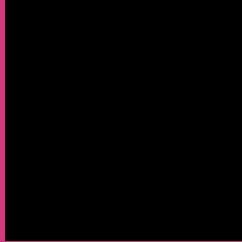
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 110.7980, 7.0016, 87.8772

## Background



This preview shows how black text looks on a background with the YUV color 110.7980, 7.0016, 87.8772.



This preview shows how white text looks on a background with the YUV color 110.7980, 7.0016,



# 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

110.7980, 7.0016, 87.8772

### Protanopia

119.5420, 21.4248, -11.8763

### Deuteranopia

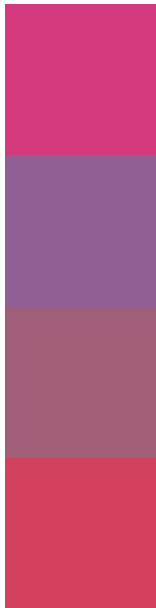
120.0120, -1.4849, 9.6365



## Tritanopia

111.7180, -18.5950, 84.4393

# Trichromacy



## Original Color

110.7980, 7.0016, 87.8772

## Protanomaly

116.3940, 16.0748, 24.2105

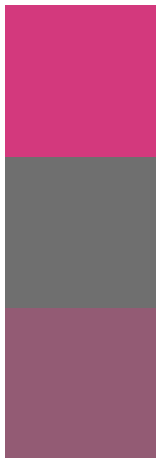
## Deuteranomaly

116.6980, 1.6279, 37.9759

## Tritanomaly

111.2480, -8.9963, 85.7285

# Monochromacy



## Original Color

110.7980, 7.0016, 87.8772

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

110.5940, 2.6652, 31.9281

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.7980, 7.0016, 87.8772 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(211, 57, 125)` looks like.

```
.text, #text, p{  
    color:rgb(211, 57, 125)  
}
```

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(211, 57, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 57, 125) }
```

## Border

The CSS property to change the border of an element to YUV 110.7980, 7.0016, 87.8772 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(211, 57, 125) }
```



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

```
.border{ border-color:rgb(211, 57, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 57, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 57, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 57, 125);  
box-shadow:4px 4px 4px 4px rgb(211, 57,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 110.7980, 7.0016, 87.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 57, 125) }
```

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

```
.background{ background-color: rgb(211, 57,  
125) }
```

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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