

# Converting Colors

YUV(148.7710, 1.0989, 67.7298)

Have a look what the booklet for  
YUV(148.7710, 1.0989, 67.7298)  
contains.

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# Color

**YUV(148.7710, 1.0989,  
67.7298)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E26D97
RGB	226, 109, 151
RGB Percent	89%, 43%, 59%
CMY	0.1137, 0.5725, 0.4078
CMYK	0.00, 0.52, 0.33, 0.11
HSL	338°, 67%, 66%
HSV	338°, 52%, 89%
XYZ	42.4186, 29.3404, 32.7057
YIQ	148.7710, 56.2500, 37.8660

# Conversions

## Conversions Part 2

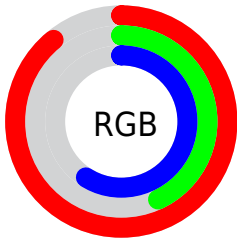
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 109, 151
Decimal	14839191
CIE <sub>Lab</sub>	61.08, 49.85, -1.04
CIE <sub>LCh</sub>	61, 49.865, 358.800
Yxy	29.3404, 0.4061, 0.2809
Android (android.graphics.Color)	4293029271 (0xFFE26D97)
YUV	148.7710, 1.0989, 67.7298
Hunter-Lab	54.1668, 44.9934, 2.1176

# Details

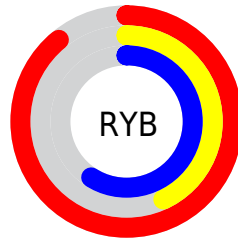
The YUV color **148.7710, 1.0989, 67.7298** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **186.2290, -1.0989, -67.7298**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8830, 4.4947, 51.8456**, and **93.6180, 3.1463, 64.3560** is the 20% darker color. If you saturate the color by 10%, you get **133.6740, 1.6397, 80.9699**, and if you desaturate by 10%, it is **163.8680, 0.5581, 54.4898**.

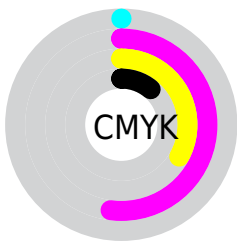
# Distribution



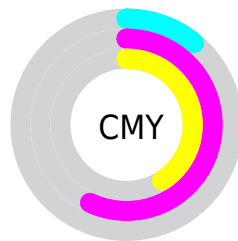
- Red (89%)
- Green (43%)
- Blue (59%)



- Red (89%)
- Yellow (43%)
- Blue (59%)



- Cyan (0%)
- Magenta (52%)
- Yellow (33%)
- Black (11%)




- Cyan (11%)
- Magenta (57%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 148.7710, 1.0989, 67.7298 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 148.7710, 1.0989, 67.7298 by changing the saturation by 10% instead.





 148.7710, 1.0989,  
67.7298


 148.7710, 1.0989,  
67.7298

255.0000, 0.0000,  
0.0000

 120.9880, 1.9779,  
65.7855

 195.8830, 4.4947,  
51.8456


 93.6180, 3.1463,  
64.3560


 215.5110, 8.6221,  
34.6319


 64.9000, 5.4723,  
64.9857

 235.0420, 9.8393,  
17.5032

 39.3450, 7.2249,  
62.8414

 252.0650, 1.4470,  
2.5740

 28.5790, 2.1796,  
47.7272

 18.6670, -4.7658,  
35.3720

 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,  
0.0000

■ 148.7710, 1.0989,  
67.7298

■ 148.7710, 1.0989,  
67.7298

■ 133.6740, 1.6397,  
80.9699

■ 163.8680, 0.5581,  
54.4898

■ 119.0500, 1.4544,  
93.7952

■ 178.4920, 0.7434,  
41.6645

■ 103.9530, 1.9952,  
107.0352

■ 193.5890, 0.2026,  
28.4244

■ 89.3290, 1.8098,  
119.8605

■ 208.2130, 0.3880,  
15.5992

■ 76.8080, 2.0667,  
130.8414

■ 223.3100, -0.1528,  
2.3591

■ 238.5210, -0.2569,  
-10.9809

■ 245.9870, 2.9644,  
-17.5286

■ 246.3290, 4.2748,  
-17.8285

# Harmonies

## Analogous

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



151.7690, 20.8199, 42.2986



148.7710, 1.0989, 67.7298



146.4020, -19.4252, 70.6844

# Triad

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



148.7710, 1.0989, 67.7298



138.5530, -35.7686, -7.5010



121.5760, 49.5090, -106.6222

# Complementary

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



148.7710, 1.0989, 67.7298



186.2290, -1.0989, -67.7298

# 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.



120.7490, 33.6477, -105.8969



148.7710, 1.0989, 67.7298



129.7830, -14.6830, -50.6757

# Square

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



148.7710, 1.0989, 67.7298



142.8240, -43.2972, 27.3414



115.6190, 13.9918, -101.3979



130.9530, 51.2952, -72.7498



# Rectangle

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



148.7710, 1.0989, 67.7298



146.2470, -31.1808, 61.1734



115.6190, 13.9918, -101.3979



121.7240, 44.9991, -106.7519

# Sweetspot

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



148.7710, 1.0989, 67.7298



227.9690, 0.5083, 23.7062



144.4640, 40.1972, 33.7961



111.5010, 0.2460, 14.4696



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.



148.7710, 1.0989, 67.7298



150.7400, 1.6072, 91.4360



153.3750, -21.8769, 63.6921



104.7450, 0.1257, 6.3626



59.8060, 1.5746, 101.9021



16.2900, 0.3500, 27.8097



# Inverse Universe

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



148.7710, 1.0989, 67.7298



150.7400, 1.6072, 91.4360



181.6250, 21.8769, -63.6921



104.7450, 0.1257, 6.3626



59.8060, 1.5746, 101.9021



16.2900, 0.3500, 27.8097



# Previews

## White Background



This preview shows how the YUV color 148.7710, 1.0989, 67.7298 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

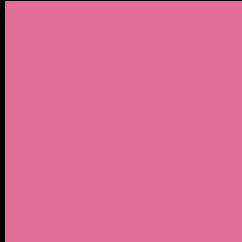
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 148.7710, 1.0989, 67.7298 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

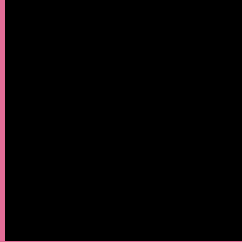
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 148.7710, 1.0989, 67.7298

## Background



This preview shows how black text looks on a background with the YUV color 148.7710, 1.0989, 67.7298.



This preview shows how white text looks on a background with the YUV color 148.7710, 1.0989,



# 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

148.7710, 1.0989, 67.7298

### Protanopia

148.5830, 12.5306, -5.7733

### Deuteranopia

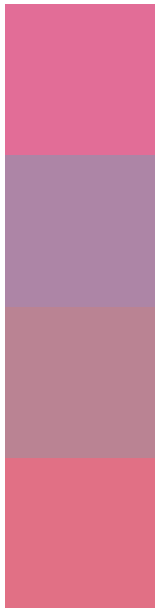
149.2080, -2.0745, 12.0956



## Tritanopia

147.9160, -12.2836, 66.7257

# Trichromacy



## Original Color

148.7710, 1.0989, 67.7298

## Protanomaly

148.7220, 8.5181, 21.2918

## Deuteranomaly

149.2690, -1.1186, 32.2131

## Tritanomaly

148.1810, -7.4842, 67.3703

# Monochromacy



## Original Color

148.7710, 1.0989, 67.7298

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

148.6810, 0.6503, 24.8358

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.7710, 1.0989, 67.7298 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(226, 109, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 109, 151)  
}
```

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(226, 109, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 109, 151) }
```

## Border

The CSS property to change the border of an element to YUV 148.7710, 1.0989, 67.7298 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(226, 109, 151) }
```



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

```
.border{ border-color:rgb(226, 109, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 109, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 109, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 109, 151); box-shadow:4px 4px 4px 4px rgb(226, 109, 151) }
```

# Background

The CSS property to change the background color of an element to YUV 148.7710, 1.0989, 67.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 109, 151) }
```

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

```
.background{ background-color: rgb(226,  
109, 151) }
```

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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