

Converting Colors

YUV(149.2700, 4.3039, 66.4152)

Have a look what the booklet for
YUV(149.2700, 4.3039, 66.4152)
contains.

YUV(149.2700, 4.3039, 66.4152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(149.2700, 4.3039,
66.4152)**

Conversions

Conversions Part 1

Format	Color
Hex	E16D9E
RGB	225, 109, 158
RGB Percent	88%, 43%, 62%
CMY	0.1176, 0.5725, 0.3804
CMYK	0.00, 0.52, 0.30, 0.12
HSL	335°, 66%, 65%
HSV	335°, 52%, 88%
XYZ	42.6915, 29.4135, 35.7750
YIQ	149.2700, 53.4070, 39.8310

Conversions

Conversions Part 2

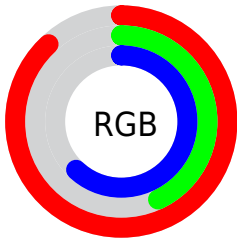
Format	Color
R _Y B	225, 109, 158
Decimal	14773662
CIE Lab	61.14, 50.40, -5.00
CIE LCh	61, 50.644, 354.335
Yxy	29.4135, 0.3957, 0.2726
Android (android.graphics.Color)	4292963742 (0xFFE16D9E)
YUV	149.2700, 4.3039, 66.4152
Hunter-Lab	54.2342, 45.6001, -1.1461

Details

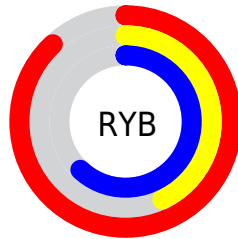
The YUV color **149.2700, 4.3039, 66.4152** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **184.7300, -4.3039, -66.4152**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7950, 7.9891, 51.0458**, and **94.4160, 6.2039, 63.6562** is the 20% darker color. If you saturate the color by 10%, you get **134.8740, 4.9921, 79.0405**, and if you desaturate by 10%, it is **164.2530, 3.3263, 53.2751**.

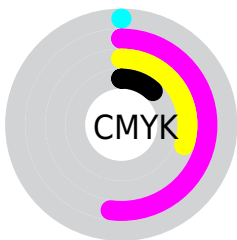
Distribution



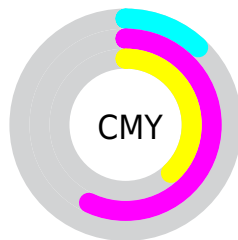
- Red (88%)
- Green (43%)
- Blue (62%)



- Red (88%)
- Yellow (43%)
- Blue (62%)



- Cyan (0%)
- Magenta (52%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.2700, 4.3039, 66.4152 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 149.2700, 4.3039, 66.4152 by changing the saturation by 10% instead.


 149.2700, 4.3039,
66.4152


 149.2700, 4.3039,
66.4152


255.0000, 0.0000,
0.0000

 121.7860, 5.0355,
65.0857

 196.7950, 7.9891,
51.0458


 94.4160, 6.2039,
63.6562


 216.4230, 12.1165,
33.8320


 64.8120, 8.9667,
64.1859

 235.0420, 9.8393,
17.5032

 39.7300, 9.9931,
61.6268

 252.0650, 1.4470,
2.5740

 29.1490, 4.3635,
47.2273

 19.2800, -1.1240,
33.9574

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 149.2700, 4.3039,
66.4152

■ 149.2700, 4.3039,
66.4152

■ 134.8740, 4.9921,
79.0405

■ 164.2530, 3.3263,
53.2751

■ 119.8910, 5.9697,
92.1806

■ 178.6490, 2.6380,
40.6498

■ 104.9080, 6.9474,
105.3207

■ 193.6320, 1.6604,
27.5097

■ 90.5120, 7.6356,
117.9460

■ 208.0280, 0.9722,
14.8844

■ 78.1050, 8.3292,
128.8269

■ 223.0110, -0.0054,
1.7444

■ 237.4070, -0.6937,
-10.8809

■ 245.3460, 1.8014,
-17.8434

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



151.8330, 23.7463, 36.9805



149.2700, 4.3039, 66.4152



146.8090, -16.6678, 72.9585

Triad

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



149.2700, 4.3039, 66.4152



139.4890, -38.6951, -2.1829



121.8210, 47.9092, -106.8370

Complementary

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



149.2700, 4.3039, 66.4152



184.7300, -4.3039, -66.4152

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.



120.0650, 31.0270, -105.2970



149.2700, 4.3039, 66.4152



131.6760, -19.0673, -44.4429

Square

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



149.2700, 4.3039, 66.4152



143.3300, -44.0397, 32.1596



114.8210, 10.9342, -100.6980



117.8890, 58.2287, -103.3887

Rectangle

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



149.2700, 4.3039, 66.4152



146.4370, -29.3024, 65.3918



114.8210, 10.9342, -100.6980



121.8550, 42.9625, -106.8668

Sweetspot

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



149.2700, 4.3039, 66.4152



230.1860, 1.3873, 21.7619



141.9580, 40.9397, 28.9778



112.9030, 0.5408, 13.2401



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.



149.2700, 4.3039, 66.4152



151.8800, 5.9752, 90.4362



148.3800, -19.4143, 67.1957



104.8590, 0.5625, 6.2627



61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097

Inverse Universe

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



149.2700, 4.3039, 66.4152



151.8800, 5.9752, 90.4362



185.6200, 19.4143, -67.1957



104.8590, 0.5625, 6.2627



61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 149.2700, 4.3039, 66.4152 looks on a white background.

Color Contrast Check

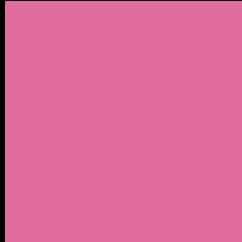
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2700, 4.3039, 66.4152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

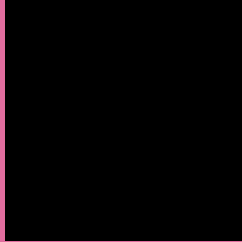
Any Text WCAG AA ✓ Pass

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 149.2700, 4.3039, 66.4152 Background



This preview shows how black text looks on a background with the YUV color 149.2700, 4.3039, 66.4152.



This preview shows how white text looks on a background with the YUV color 149.2700, 4.3039,

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

149.2700, 4.3039, 66.4152

Protanopia

148.8970, 16.3198, -7.8027

Deuteranopia

149.1090, 1.4253, 9.5514



Tritanopia

148.6060, -12.1308, 64.3665

Trichromacy



Original Color

149.2700, 4.3039, 66.4152

Protanomaly

148.9220, 11.8705, 19.3624

Deuteranomaly

149.4690, 2.2338, 30.2837

Tritanomaly

148.5120, -6.1684, 65.3260

Monochromacy



Original Color

149.2700, 4.3039, 66.4152

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2700, 4.3039, 66.4152 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(225, 109, 158)` looks like.

```
.text, #text, p{  
    color:rgb(225, 109, 158)  
}
```

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(225, 109, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 109, 158) }
```

Border

The CSS property to change the border of an element to YUV 149.2700, 4.3039, 66.4152 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(225, 109, 158) }
```


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

```
.border{ border-color:rgb(225, 109, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 109, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 109, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 109, 158); box-shadow:4px 4px 4px 4px rgb(225, 109, 158) }
```

Background

The CSS property to change the background color of an element to YUV 149.2700, 4.3039, 66.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 109, 158) }
```

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

```
.background{ background-color: rgb(225,  
109, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor