

Converting Colors

YUV(149.9680, 8.8898, 42.1241)

Have a look what the booklet for
YUV(149.9680, 8.8898, 42.1241)
contains.

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Color

**YUV(149.9680, 8.8898,
42.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	C67AA8
RGB	198, 122, 168
RGB Percent	78%, 48%, 66%
CMY	0.2235, 0.5216, 0.3412
CMYK	0.00, 0.38, 0.15, 0.22
HSL	324°, 40%, 63%
HSV	324°, 38%, 78%
XYZ	37.3161, 28.7520, 40.6287
YIQ	149.9680, 30.5300, 30.4180

Conversions

Conversions Part 2

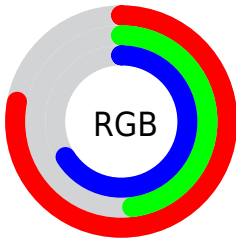
Format	Color
R _Y B	198, 122, 168
Decimal	13007528
CIE Lab	60.56, 36.11, -11.98
CIE LCh	61, 38.046, 341.642
Yxy	28.7520, 0.3497, 0.2695
Android (android.graphics.Color)	4291197608 (0xFFC67AA8)
YUV	149.9680, 8.8898, 42.1241
Hunter-Lab	53.6209, 30.3861, -7.3896

Details

The YUV color **149.9680, 8.8898, 42.1241** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.0320, -8.8898, -42.1241**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9790, 8.8844, 43.8684**, and **97.6580, 9.0426, 39.7649** is the 20% darker color. If you saturate the color by 10%, you get **137.3160, 11.1832, 53.2199**, and if you desaturate by 10%, it is **162.6200, 6.5963, 31.0283**.

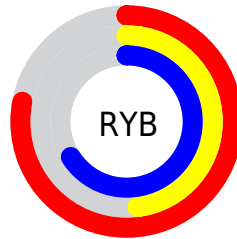
Distribution



Red (78%)

Green (48%)

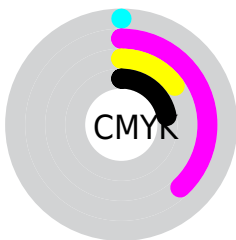
Blue (66%)



Red (78%)

Yellow (48%)

Blue (66%)

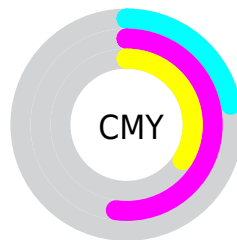


Cyan (0%)

Magenta (38%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9680, 8.8898, 42.1241 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 149.9680, 8.8898, 42.1241 by changing the saturation by 10% instead.


 149.9680, 8.8898,
42.1241


 149.9680, 8.8898,
42.1241

255.0000, 0.0000,
0.0000

 123.3700, 9.1846,
40.8945


 204.9790, 8.8844,
43.8684


 97.6580, 9.0426,
39.7649

 224.7210, 13.4485,
26.5547

 72.6470, 9.0480,
38.0206

 241.4990, 6.6560,
11.8404

 46.9890, 10.3584,
37.7206

 24.5650, 10.0745,
35.4615

 16.0060, 4.4340,
24.5507

 0.0000, 0.0000,

0.0000

■ 149.9680, 8.8898,
42.1241

■ 149.9680, 8.8898,
42.1241

■ 137.3160, 11.1832,
53.2199

■ 162.6200, 6.5963,
31.0283

■ 124.6640, 13.4766,
64.3157

■ 175.2720, 4.3029,
19.9325

■ 112.7130, 15.9175,
74.7967

■ 187.2230, 1.8621,
9.4514

■ 100.0610, 18.2109,
85.8925

■ 199.8750, -0.4314,
-1.6444

■ 87.4090, 20.5044,
96.9883

■ 212.5270, -2.7248,
-12.7402

■ 74.7570, 22.7978,
108.0841

■ 225.1790, -5.0182,
-23.8360

■ 72.8820, 23.2292,
109.7285

■ 234.3090, -5.5753,
-31.8430

■ 235.2210, -2.0810,
-32.6428

■ 236.0190, 0.9766,
-33.3427

Harmonies

Analogous

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



149.4620, 22.9432, 14.5038



149.9680, 8.8898, 42.1241



148.2180, -7.0095, 55.0598

Triad

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



149.9680, 8.8898, 42.1241



142.2270, -31.1709, 11.2019



116.7540, 36.1103, -102.3933

Complementary

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



149.9680, 8.8898, 42.1241



170.0320, -8.8898, -42.1241

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.



114.2800, 21.5540, -100.2236



149.9680, 8.8898, 42.1241



138.1570, -21.7694, -17.6777

Square

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



149.9680, 8.8898, 42.1241



145.0820, -31.0994, 35.0081



131.0570, -3.4791, -50.9160



128.8640, 39.5070, -71.7947

Rectangle

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



149.9680, 8.8898, 42.1241



147.5740, -17.0450, 53.8706



131.0570, -3.4791, -50.9160



116.2010, 31.4529, -101.9083

Sweetspot

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



149.9680, 8.8898, 42.1241



235.4350, 3.7295, 17.1585



139.3350, 28.9218, 10.2302



116.5220, 1.7147, 10.0662



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.



149.9680, 8.8898, 42.1241



181.0770, 13.7660, 64.8305



145.7500, -7.2717, 45.8233



93.3750, 1.2941, 4.9331



60.0230, 19.2157, 90.3108



13.2720, 4.3029, 19.9325

Inverse Universe

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



149.9680, 8.8898, 42.1241



181.0770, 13.7660, 64.8305



174.2500, 7.2717, -45.8233



93.3750, 1.2941, 4.9331



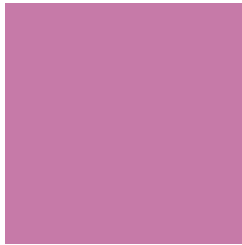
60.0230, 19.2157, 90.3108



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 149.9680, 8.8898, 42.1241 looks on a white background.

Color Contrast Check

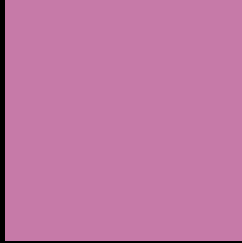
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9680, 8.8898, 42.1241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

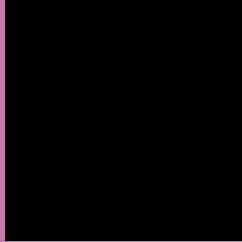
Any Text WCAG AA ✓ Pass

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 149.9680, 8.8898, 42.1241 Background



This preview shows how black text looks on a background with the YUV color 149.9680, 8.8898, 42.1241.



This preview shows how white text looks on a background with the YUV color 149.9680, 8.8898,

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

149.9680, 8.8898, 42.1241

Protanopia

147.0540, 18.2144, -8.8174

Deuteranopia

148.0850, 7.8461, 3.4335



Tritanopia

149.0590, -5.9451, 40.2903

Trichromacy



Original Color

149.9680, 8.8898, 42.1241

Protanomaly

148.2520, 14.6658, 9.4260

Deuteranomaly

148.5860, 8.0921, 17.9031

Tritanomaly

149.4380, -0.7089, 40.8349

Monochromacy



Original Color

149.9680, 8.8898, 42.1241

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0110, 3.4456, 14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9680, 8.8898, 42.1241 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, 122, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 168)  
}
```

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, 122, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 168) }
```

Border

The CSS property to change the border of an element to YUV 149.9680, 8.8898, 42.1241 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, 122, 168) }
```


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

```
.border{ border-color:rgb(198, 122, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 122, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 149.9680, 8.8898, 42.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 168) }
```

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

```
.background{ background-color: rgb(198,  
122, 168) }
```

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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