

Converting Colors

YUV(150.9700, 2.4798, 44.7533)

Have a look what the booklet for
YUV(150.9700, 2.4798, 44.7533)
contains.

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Color

**YUV(150.9700, 2.4798,
44.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7C9C
RGB	202, 124, 156
RGB Percent	79%, 49%, 61%
CMY	0.2078, 0.5137, 0.3882
CMYK	0.00, 0.39, 0.23, 0.21
HSL	335°, 42%, 64%
HSV	335°, 39%, 79%
XYZ	37.5655, 29.3722, 35.1420
YIQ	150.9700, 36.2160, 26.4880

Conversions

Conversions Part 2

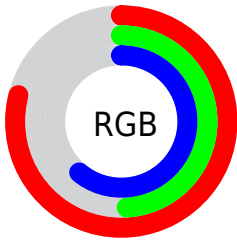
Format	Color
R _Y B	202, 124, 156
Decimal	13270172
CIE Lab	61.11, 34.57, -4.24
CIE LCh	61, 34.828, 353.003
Yxy	29.3722, 0.3680, 0.2877
Android (android.graphics.Color)	4291460252 (0xFFCA7C9C)
YUV	150.9700, 2.4798, 44.7533
Hunter-Lab	54.1961, 28.8825, -0.5077

Details

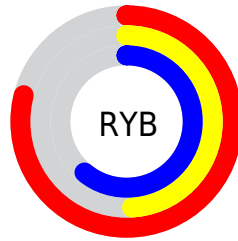
The YUV color **150.9700, 2.4798, 44.7533** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.0300, -2.4798, -44.7533**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6710, 2.6272, 44.1385**, and **98.4750, 3.2168, 41.6794** is the 20% darker color. If you saturate the color by 10%, you get **137.8620, 3.0260, 56.2490**, and if you desaturate by 10%, it is **164.0780, 1.9335, 33.2576**.

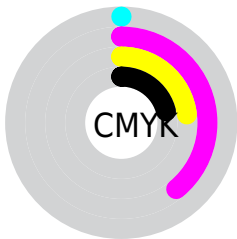
Distribution



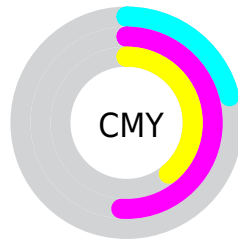
- Red (79%)
- Green (49%)
- Blue (61%)



- Red (79%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (21%)



- Cyan (21%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.9700, 2.4798, 44.7533 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 150.9700, 2.4798, 44.7533 by changing the saturation by 10% instead.


 150.9700, 2.4798,
44.7533

 150.9700, 2.4798,
44.7533


255.0000, 0.0000,
0.0000

 124.3720, 2.7746,
43.5238

 204.6710, 2.6272,
44.1385


 98.4750, 3.2168,
41.6794


 224.4130, 7.1914,
26.8248

 73.5780, 3.6590,
39.8351

 242.6730, 6.0772,
10.8108

 48.5070, 4.6800,
39.0204

 24.1370, 5.8485,
37.5909

 15.4640, -0.2288,
26.7801

 0.0000, 0.0000,

0.0000

■ 150.9700, 2.4798,
44.7533

■ 150.9700, 2.4798,
44.7533

■ 137.8620, 3.0260,
56.2490

■ 164.0780, 1.9335,
33.2576

■ 124.7540, 3.5723,
67.7447

■ 177.1860, 1.3873,
21.7619

■ 111.0590, 4.4079,
79.7553

■ 190.8810, 0.5517,
9.7514

■ 97.9510, 4.9542,
91.2510

■ 203.9890, 0.0054,
-1.7444

■ 84.8430, 5.5004,
102.7467

■ 217.0970, -0.5408,
-13.2401

■ 71.8490, 6.4834,
114.1424

■ 230.0910, -1.5239,
-24.6358

■ 69.8600, 6.4780,
115.8868

■ 237.3290, 0.8238,
-30.9835

■ 238.6970, 6.0654,
-32.1833

■ 239.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



151.5080, 16.5116, 24.1105



150.9700, 2.4798, 44.7533



149.5180, -12.0874, 50.4117

Triad

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



150.9700, 2.4798, 44.7533



143.1270, -26.1916, 0.7656



124.3370, 35.3299, -85.3645

Complementary

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



150.9700, 2.4798, 44.7533



175.0300, -2.4798, -44.7533

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.



117.7410, 25.7637, -97.1199



150.9700, 2.4798, 44.7533



138.6380, -14.6115, -26.8695

Square

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



150.9700, 2.4798, 44.7533



145.7710, -29.4671, 24.7568



131.2610, 3.8153, -57.2339



140.1340, 33.4579, -44.8445

Rectangle

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



150.9700, 2.4798, 44.7533



148.3190, -20.3703, 47.0782



131.2610, 3.8153, -57.2339



116.5260, 35.2367, -102.1933

Sweetspot

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



150.9700, 2.4798, 44.7533



234.7510, 1.1088, 17.7584



146.6460, 27.2895, 20.4815



116.1800, 0.4043, 10.3661



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.



150.9700, 2.4798, 44.7533



178.4550, 3.7197, 67.1300



151.4310, -13.5235, 44.3490



95.4460, 0.2731, 5.7479



57.3860, 5.2327, 95.2545



13.1860, 1.3873, 21.7619

Inverse Universe

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



150.9700, 2.4798, 44.7533



178.4550, 3.7197, 67.1300



175.1560, 13.2341, -44.8638



95.4460, 0.2731, 5.7479



57.3860, 5.2327, 95.2545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 150.9700, 2.4798, 44.7533 looks on a white background.

Color Contrast Check

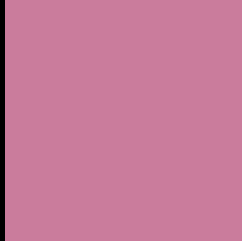
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.9700, 2.4798, 44.7533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

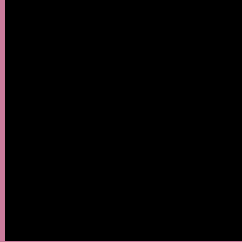
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.9700, 2.4798, 44.7533

Background



This preview shows how black text looks on a background with the YUV color 150.9700, 2.4798, 44.7533.



This preview shows how white text looks on a background with the YUV color 150.9700, 2.4798,

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

150.9700, 2.4798, 44.7533

Protanopia

148.7250, 10.4886, -4.1438

Deuteranopia

149.2230, 1.8621, 9.4514



Tritanopia

149.9670, -6.3927, 43.8789

Trichromacy



Original Color

150.9700, 2.4798, 44.7533

Protanomaly

149.7380, 7.5242, 13.3848

Deuteranomaly

149.7130, 2.1135, 22.1767

Tritanomaly

150.4770, -3.1932, 44.3087

Monochromacy



Original Color

150.9700, 2.4798, 44.7533

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0390, 0.9668, 16.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9700, 2.4798, 44.7533 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(202, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(202, 124, 156)  
}
```

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(202, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 124, 156) }
```

Border

The CSS property to change the border of an element to YUV 150.9700, 2.4798, 44.7533 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(202, 124, 156) }
```


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

```
.border{ border-color:rgb(202, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 124, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 124, 156); box-shadow:4px 4px 4px 4px rgb(202, 124, 156) }
```

Background

The CSS property to change the background color of an element to YUV 150.9700, 2.4798, 44.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 124, 156) }
```

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

```
.background{ background-color: rgb(202,  
124, 156) }
```

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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