

Converting Colors

YUV(145.1170, 2.9003, 49.8864)

Have a look what the booklet for
YUV(145.1170, 2.9003, 49.8864)
contains.

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Color

**YUV(145.1170, 2.9003,
49.8864)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7397
RGB	202, 115, 151
RGB Percent	79%, 45%, 59%
CMY	0.2078, 0.5490, 0.4078
CMYK	0.00, 0.43, 0.25, 0.21
HSL	335°, 45%, 62%
HSV	335°, 43%, 79%
XYZ	36.0738, 27.0524, 32.5985
YIQ	145.1170, 40.2960, 29.6400

Conversions

Conversions Part 2

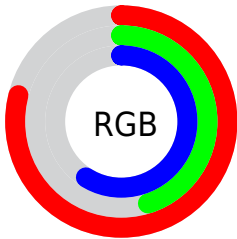
Format	Color
RYB	202, 115, 151
Decimal	13267863
CIELab	59.02, 38.64, -4.45
CIElCh	59, 38.891, 353.435
Yxy	27.0524, 0.3768, 0.2826
Android (android.graphics.Color)	4291457943 (0xFFCA7397)
YUV	145.1170, 2.9003, 49.8864
Hunter-Lab	52.0119, 32.7809, -0.7517

Details

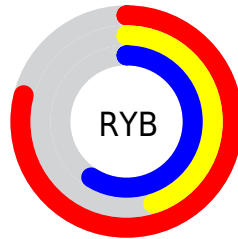
The YUV color **145.1170, 2.9003, 49.8864** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.8830, -2.9003, -49.8864**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8180, 3.0477, 49.2716**, and **92.6220, 3.6374, 46.8125** is the 20% darker color. If you saturate the color by 10%, you get **132.0090, 3.4466, 61.3821**, and if you desaturate by 10%, it is **158.2250, 2.3541, 38.3907**.

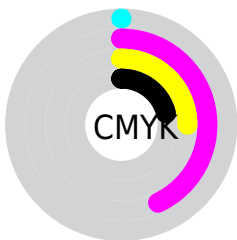
Distribution



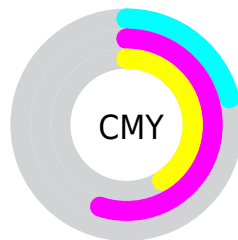
- Red (79%)
- Green (45%)
- Blue (59%)



- Red (79%)
- Yellow (45%)
- Blue (59%)



- Cyan (0%)
- Magenta (43%)
- Yellow (25%)
- Black (21%)





- Cyan (21%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1170, 2.9003, 49.8864 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 145.1170, 2.9003, 49.8864 by changing the saturation by 10% instead.


 145.1170, 2.9003,
49.8864

 145.1170, 2.9003,
49.8864


255.0000, 0.0000,
0.0000

 118.5190, 3.1951,
48.6568

 198.8180, 3.0477,
49.2716

 92.6220, 3.6374,
46.8125


 217.8590, 7.4645,
32.5727


 67.1380, 4.3690,
45.4830

 237.3900, 8.6817,
15.4440

 39.5340, 7.1317,
46.0127

254.4130, 0.2894,
0.5148

 23.3820, 4.2487,
37.3760

 14.3670, -3.1389,
26.8651

 0.0000, 0.0000,

0.0000

■ 145.1170, 2.9003,
49.8864

■ 145.1170, 2.9003,
49.8864

■ 132.0090, 3.4466,
61.3821

■ 158.2250, 2.3541,
38.3907

■ 118.9010, 3.9928,
72.8778

■ 171.3330, 1.8078,
26.8950

■ 105.2060, 4.8284,
84.8883

■ 185.0280, 0.9722,
14.8844

■ 92.2120, 5.8115,
96.2841

■ 198.0220, -0.0108,
3.4887


■ 79.1040, 6.3577,
107.7798


■ 211.1300, -0.5571,
-8.0070

■ 69.9740, 6.9148,
115.7868

■ 224.2380, -1.1033,
-19.5027

 236.7590, -1.3602,
-30.4836

 238.1270, 3.8814,
-31.6834

 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.



145.9860, 18.2479, 27.1993



145.1170, 2.9003, 49.8864



143.3230, -12.9772, 55.8447

Triad

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



145.1170, 2.9003, 49.8864



136.4320, -28.8070, -0.3789



113.9160, 40.4674, -99.9043

Complementary

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



145.1170, 2.9003, 49.8864



171.8830, -2.9003, -49.8864

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.



113.0720, 27.0795, -99.1641



145.1170, 2.9003, 49.8864



131.6760, -15.6163, -31.2879

Square

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



145.1170, 2.9003, 49.8864



139.5710, -32.8195, 26.6862



120.4550, 6.1847, -70.5590



131.6320, 38.1424, -54.0513

Rectangle

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



145.1170, 2.9003, 49.8864



142.7710, -22.5651, 51.0668



120.4550, 6.1847, -70.5590



114.1780, 36.3942, -100.1341

Sweetspot

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



145.1170, 2.9003, 49.8864



233.4630, 1.2507, 18.8879



140.1670, 30.4837, 22.6555



114.3050, 0.8356, 12.0105



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.



145.1170, 2.9003, 49.8864



168.0370, 4.4188, 76.2666



145.1220, -14.8501, 49.8820



95.4460, 0.2731, 5.7479



57.5000, 5.6695, 95.1545



13.1860, 1.3873, 21.7619

Inverse Universe

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



145.1170, 2.9003, 49.8864



168.0370, 4.4188, 76.2666



171.8780, 14.8501, -49.8820



95.4460, 0.2731, 5.7479



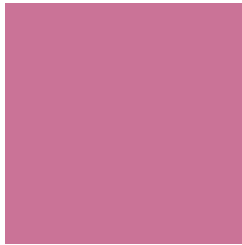
57.5000, 5.6695, 95.1545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 145.1170, 2.9003, 49.8864 looks on a white background.

Color Contrast Check

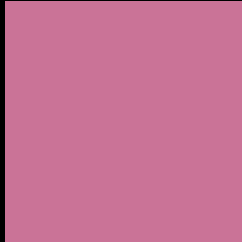
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.1170, 2.9003, 49.8864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

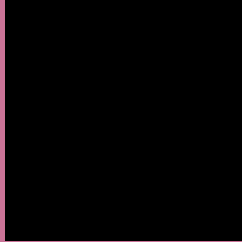
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.1170, 2.9003, 49.8864

Background



This preview shows how black text looks on a background with the YUV color 145.1170, 2.9003, 49.8864.



This preview shows how white text looks on a background with the YUV color 145.1170, 2.9003,

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

145.1170, 2.9003, 49.8864

Protanopia

142.8820, 12.3832, -5.1585

Deuteranopia

143.8100, 1.5727, 8.9366



Tritanopia

144.2450, -8.0088, 48.8971

Trichromacy



Original Color

145.1170, 2.9003, 49.8864

Protanomaly

144.0910, 8.8291, 14.8292

Deuteranomaly

144.3110, 1.8187, 23.4063

Tritanomaly

144.8690, -4.3724, 49.2269

Monochromacy



Original Color

145.1170, 2.9003, 49.8864

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0500, 0.9613, 18.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1170, 2.9003, 49.8864 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, 115, 151)` looks like.

```
.text, #text, p{  
    color:rgb(202, 115, 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(202, 115, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 115, 151) }
```

Border

The CSS property to change the border of an element to YUV 145.1170, 2.9003, 49.8864 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, 115, 151) }
```


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

```
.border{ border-color:rgb(202, 115, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 115, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 115, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 115, 151);  
box-shadow:4px 4px 4px 4px rgb(202, 115,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 145.1170, 2.9003, 49.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 115, 151) }
```

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

```
.background{ background-color: rgb(202,  
115, 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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