

Converting Colors

YUV(148.5290, 4.6692, 42.5091)

Have a look what the booklet for
YUV(148.5290, 4.6692, 42.5091)
contains.

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Color

**YUV(148.5290, 4.6692,
42.5091)**

Conversions

Conversions Part 1

Format	Color
Hex	C57A9E
RGB	197, 122, 158
RGB Percent	77%, 48%, 62%
CMY	0.2275, 0.5216, 0.3804
CMYK	0.00, 0.38, 0.20, 0.23
HSL	331°, 39%, 63%
HSV	331°, 38%, 77%
XYZ	36.1570, 28.2580, 35.8964
YIQ	148.5290, 33.1440, 27.0960

Conversions

Conversions Part 2

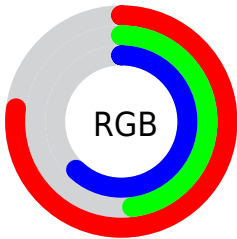
Format	Color
R_{YB}	197, 122, 158
Decimal	12941982
CIE _{Lab}	60.12, 34.18, -6.92
CIE _{LCh}	60, 34.874, 348.554
Yxy	28.2580, 0.3604, 0.2817
Android (android.graphics.Color)	4291132062 (0xFFC57A9E)
YUV	148.5290, 4.6692, 42.5091
Hunter-Lab	53.1583, 28.3847, -2.8262

Details

The YUV color **148.5290, 4.6692, 42.5091** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.4710, -4.6692, -42.5091**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8390, 4.5164, 44.8682**, and **96.3330, 5.2588, 40.0500** is the 20% darker color. If you saturate the color by 10%, you get **135.6490, 6.0890, 53.8048**, and if you desaturate by 10%, it is **161.4090, 3.2494, 31.2133**.

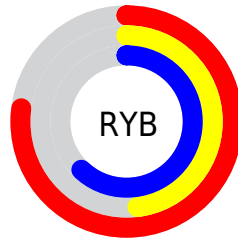
Distribution



Red (77%)

Green (48%)

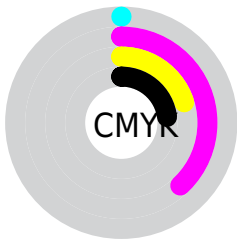
Blue (62%)



Red (77%)

Yellow (48%)

Blue (62%)

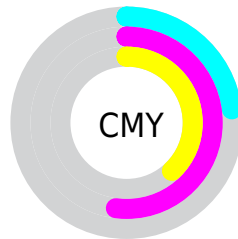


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.5290, 4.6692, 42.5091 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 148.5290, 4.6692, 42.5091 by changing the saturation by 10% instead.


 148.5290, 4.6692,
42.5091


 148.5290, 4.6692,
42.5091

255.0000, 0.0000,
0.0000

 121.9310, 4.9640,
41.2795


 203.8390, 4.5164,
44.8682


 96.3330, 5.2588,
40.0500

 222.8800, 8.9332,
28.1692

 71.4360, 5.7011,
38.2056

 241.4990, 6.6560,
11.8404

 46.2510, 6.2853,
37.4909

 23.4680, 7.1643,
35.5466

 15.0940, 0.9397,
25.3506

 0.0000, 0.0000,

0.0000

■ 148.5290, 4.6692,
42.5091

■ 148.5290, 4.6692,
42.5091

■ 135.6490, 6.0890,
53.8048

■ 161.4090, 3.2494,
31.2133

■ 123.3560, 7.2195,
64.5858

■ 173.7020, 2.1189,
20.4323

■ 110.3620, 8.2025,
75.9815

■ 186.6960, 1.1359,
9.0366

■ 97.4820, 9.6224,
87.2773

■ 199.5760, -0.2840,
-2.2592

■ 85.1890, 10.7528,
98.0582

■ 212.4560, -1.7038,
-13.5549

■ 72.3090, 12.1727,
109.3540

■ 224.7490, -2.8343,
-24.3359

■ 69.7330, 12.4566,
111.6132

■ 234.8080, -2.3703,
-33.1576

■ 235.9480, 1.9976,
-34.1574

■ 237.0880, 6.3656,
-35.1572

Harmonies

Analogous

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



148.9420, 18.2696, 20.2219



148.5290, 4.6692, 42.5091



146.8000, -9.7614, 51.0414

Triad

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



148.5290, 4.6692, 42.5091



140.9210, -27.0761, 4.4543



114.7050, 37.1204, -99.7193

Complementary

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



148.5290, 4.6692, 42.5091



170.4710, -4.6692, -42.5091

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.



115.7800, 23.2795, -93.6461



148.5290, 4.6692, 42.5091



136.5030, -16.5170, -22.3661

Square

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



148.5290, 4.6692, 42.5091



143.6080, -28.8937, 27.5308



129.8980, 1.0363, -52.5305



135.0300, 34.4952, -50.8923

Rectangle

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



148.5290, 4.6692, 42.5091



145.7860, -18.6285, 48.4227



129.8980, 1.0363, -52.5305



114.6680, 33.1947, -100.5638

Sweetspot

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



148.5290, 4.6692, 42.5091



236.8540, 1.5510, 15.9140



142.2110, 27.0110, 16.4780



116.9950, 0.9885, 9.6514



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.



148.5290, 4.6692, 42.5091



179.3670, 7.2141, 66.3301



145.0120, -11.3449, 45.5935



93.1470, 0.4205, 5.1331



57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Inverse Universe

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



148.5290, 4.6692, 42.5091



179.3670, 7.2141, 66.3301



173.9880, 11.3449, -45.5935



93.1470, 0.4205, 5.1331



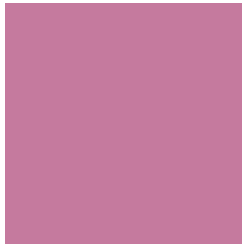
57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 148.5290, 4.6692, 42.5091 looks on a white background.

Color Contrast Check

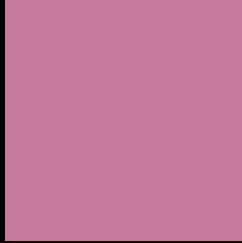
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5290, 4.6692, 42.5091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

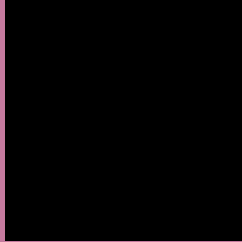
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.5290, 4.6692, 42.5091

Background



This preview shows how black text looks on a background with the YUV color 148.5290, 4.6692, 42.5091.



This preview shows how white text looks on a background with the YUV color 148.5290, 4.6692,

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

148.5290, 4.6692, 42.5091

Protanopia

145.9960, 12.8200, -5.2585

Deuteranopia

146.7820, 4.0515, 7.2072



Tritanopia

147.7710, -5.8031, 41.4198

Trichromacy



Original Color

148.5290, 4.6692, 42.5091

Protanomaly

147.0090, 9.8556, 12.2701

Deuteranomaly

147.2720, 4.3029, 19.9325

Tritanomaly

148.3950, -2.1667, 41.7496

Monochromacy



Original Color

148.5290, 4.6692, 42.5091

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.5550, 1.6984, 15.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5290, 4.6692, 42.5091 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(197, 122, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 122, 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(197, 122, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 122, 158) }
```

Border

The CSS property to change the border of an element to YUV 148.5290, 4.6692, 42.5091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

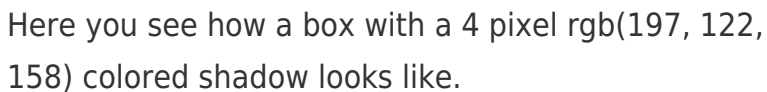
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 122, 158) }
```


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

```
.border{ border-color:rgb(197, 122, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 122, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 122, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 122, 158); box-shadow:4px 4px 4px 4px rgb(197, 122, 158) }
```

Background

The CSS property to change the background color of an element to YUV 148.5290, 4.6692, 42.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 122, 158) }
```

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

```
.background{ background-color: rgb(197,  
122, 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](#).

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