

Converting Colors

YUV(149.0480, 14.2733,
42.0539)

Have a look what the booklet for
YUV(149.0480, 14.2733, 42.0539)
contains.

YUV(149.0480, 14.2733, 42.0539)	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(149.0480, 14.2733,
42.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	C577B2
RGB	197, 119, 178
RGB Percent	77%, 47%, 70%
CMY	0.2275, 0.5333, 0.3020
CMYK	0.00, 0.40, 0.10, 0.23
HSL	315°, 40%, 62%
HSV	315°, 40%, 77%
XYZ	37.6587, 28.2783, 45.5929
YIQ	149.0480, 27.5490, 34.8850

Conversions

Conversions Part 2

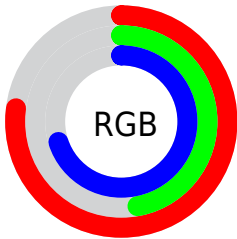
Format	Color
R _{YB}	197, 119, 178
Decimal	12941234
CIE _{Lab}	60.14, 39.05, -18.35
CIE _{LCh}	60, 43.147, 334.828
Yxy	28.2783, 0.3377, 0.2535
Android (android.graphics.Color)	4291131314 (0xFFC577B2)
YUV	149.0480, 14.2733, 42.0539
Hunter-Lab	53.1774, 33.3481, -13.6096

Details

The YUV color **149.0480, 14.2733, 42.0539** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.9520, -14.2733, -42.0539**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4720, 14.5573, 44.3131**, and **96.6240, 13.9894, 39.7948** is the 20% darker color. If you saturate the color by 10%, you get **136.7380, 17.8772, 52.8498**, and if you desaturate by 10%, it is **161.3580, 10.6695, 31.2580**.

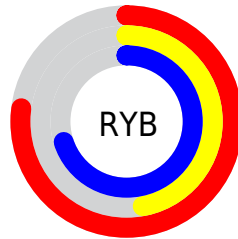
Distribution



Red (77%)

Green (47%)

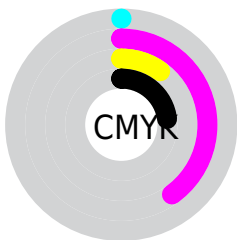
Blue (70%)



Red (77%)

Yellow (47%)

Blue (70%)

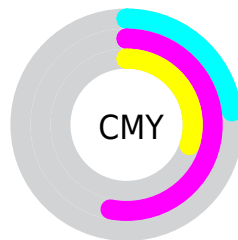


Cyan (0%)

Magenta (40%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.0480, 14.2733, 42.0539 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 149.0480, 14.2733, 42.0539 by changing the saturation by 10% instead.


 149.0480, 14.2733,
42.0539


 149.0480, 14.2733,
42.0539


255.0000, 0.0000,
0.0000

 122.3360, 14.1314,
40.9243


 204.4720, 14.5573,
44.3131


 96.6240, 13.9894,
39.7948


 223.3020, 15.6271,
27.7991

 71.0260, 14.2842,
38.5652

 239.7380, 7.5242,
13.3848

 44.6670, 15.4472,
38.8800

 25.1780, 13.7162,
34.0469

 16.5050, 7.6390,
23.2361

 0.3420, 1.3104,

-0.2999

0.0000, 0.0000,
0.0000

149.0480, 14.2733,
42.0539

149.0480, 14.2733,
42.0539

136.7380, 17.8772,
52.8498

161.3580, 10.6695,
31.2580

125.0150, 21.1916,
63.1308

173.0810, 7.3551,
20.9770

112.8190, 25.2322,
73.8267

185.2770, 3.3144,
10.2811

100.5090, 28.8361,
84.6226

197.5870, -0.2894,
-0.5148

88.1990, 32.4399,
95.4185

209.8970, -3.8932,
-11.3107

■ 76.4760, 35.7543,
105.6995

■ 221.6200, -7.2077,
-21.5917

■ 75.8890, 36.0437,
106.2143

■ 232.7560,
-10.2327, -31.3580

■ 233.2120, -8.4855,
-31.7579

■ 233.7820, -6.3015,
-32.2578

Harmonies

Analogous

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



148.3130, 28.9327, 6.7415



149.0480, 14.2733, 42.0539



146.8750, -3.3894, 60.6226

Triad

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



149.0480, 14.2733, 42.0539



141.1910, -36.5762, 18.2495



116.9990, 34.5105, -102.6081

Complementary

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



149.0480, 14.2733, 42.0539



166.9520, -14.2733, -42.0539

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.



113.3680, 18.0596, -99.4237



149.0480, 14.2733, 42.0539



136.5830, -27.8954, -12.7893

Square

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



149.0480, 14.2733, 42.0539



143.5670, -33.3105, 44.2297



128.9770, -8.8627, -50.8458



116.4410, 47.6036, -102.1188

Rectangle

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



149.0480, 14.2733, 42.0539



145.7860, -15.1775, 61.5777



128.9770, -8.8627, -50.8458



116.3320, 29.4163, -102.0232

Sweetspot

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



149.0480, 14.2733, 42.0539



236.0050, 5.9135, 16.6586



133.2740, 31.4169, 3.2677



116.8640, 3.0250, 9.7663



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.



149.0480, 14.2733, 42.0539



179.9660, 22.2018, 65.8048



144.7160, -2.3250, 45.8531



93.4890, 1.7309, 4.8331



62.7590, 29.6988, 87.9114



13.8420, 6.4869, 19.4326

Inverse Universe

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



149.0480, 14.2733, 42.0539



179.9660, 22.2018, 65.8048



171.2840, 2.3250, -45.8531



93.4890, 1.7309, 4.8331



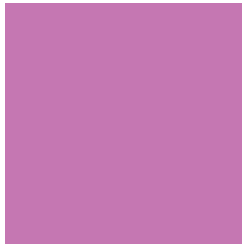
62.7590, 29.6988, 87.9114



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 149.0480, 14.2733, 42.0539 looks on a white background.

Color Contrast Check

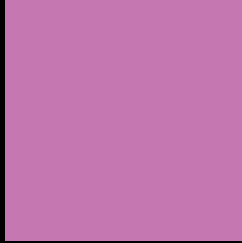
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0480, 14.2733, 42.0539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

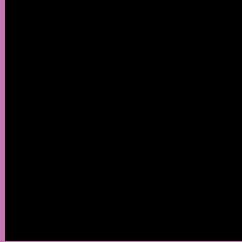
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0480, 14.2733, 42.0539

Background



This preview shows how black text looks on a background with the YUV color 149.0480, 14.2733, 42.0539.



This preview shows how white text looks on a background with the YUV color 149.0480, 14.2733,

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

149.0480, 14.2733, 42.0539

Protanopia

146.0410, 24.6298, -13.1910

Deuteranopia

146.5450, 13.5353, -1.3550



Tritanopia

147.5750, -5.2135, 38.9607

Trichromacy



Original Color

149.0480, 14.2733, 42.0539

Protanomaly

147.1360, 20.6390, 6.8967

Deuteranomaly

147.6440, 13.4865, 14.3442

Tritanomaly

148.1220, 1.9119, 40.2350

Monochromacy



Original Color

149.0480, 14.2733, 42.0539

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8800, 5.4822, 15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0480, 14.2733, 42.0539 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, 119, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 119, 178)  
}
```

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, 119, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 119, 178) }
```

Border

The CSS property to change the border of an element to YUV 149.0480, 14.2733, 42.0539 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, 119, 178) }
```


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

```
.border{ border-color:rgb(197, 119, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 119, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 119, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 119, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 119,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 149.0480, 14.2733, 42.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 119, 178) }
```

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

```
.background{ background-color: rgb(197,  
119, 178) }
```

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