

Converting Colors

YUV(154.0400, 6.3893, 50.8309)

Have a look what the booklet for
YUV(154.0400, 6.3893, 50.8309)
contains.

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Color

**YUV(154.0400, 6.3893,
50.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	D47AA7
RGB	212, 122, 167
RGB Percent	83%, 48%, 65%
CMY	0.1686, 0.5216, 0.3451
CMYK	0.00, 0.42, 0.21, 0.17
HSL	330°, 51%, 65%
HSV	330°, 42%, 83%
XYZ	41.0860, 30.7061, 40.3206
YIQ	154.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

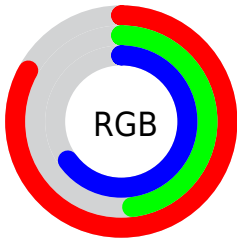
Format	Color
RYB	212, 122, 167
Decimal	13925031
CIELab	62.26, 40.73, -8.69
CIELCh	62, 41.650, 347.954
Yxy	30.7061, 0.3665, 0.2739
Android (android.graphics.Color)	4292115111 (0xFFD47AA7)
YUV	154.0400, 6.3893, 50.8309
Hunter-Lab	55.4131, 35.3756, -4.3524

Details

The YUV color **154.0400, 6.3893, 50.8309** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **179.9600, -6.3893, -50.8309**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8650, 8.4476, 43.9684**, and **100.5450, 7.1263, 47.7570** is the 20% darker color. If you saturate the color by 10%, you get **140.4590, 7.6617, 62.7415**, and if you desaturate by 10%, it is **167.6210, 5.1168, 38.9204**.

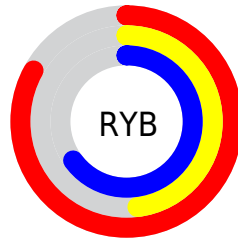
Distribution



Red (83%)

Green (48%)

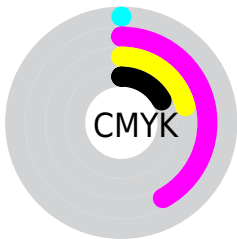
Blue (65%)



Red (83%)

Yellow (48%)

Blue (65%)

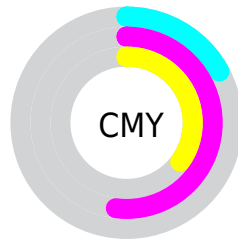


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0400, 6.3893, 50.8309 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 154.0400, 6.3893, 50.8309 by changing the saturation by 10% instead.

 154.0400, 6.3893,
50.8309


 154.0400, 6.3893,
50.8309


255.0000, 0.0000,
0.0000

 127.1430, 6.8315,
48.9866

 204.8650, 8.4476,
43.9684


 100.5450, 7.1263,
47.7570

 224.6070, 13.0117,
26.6547

 75.0610, 7.8579,
46.4275

 242.0860, 6.3666,
11.3256

 47.8160, 9.4577,
46.6424

 27.5550, 8.6004,
41.6093

 18.3980, 3.2548,
29.4690

 5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,
0.0000

■ 154.0400, 6.3893,
50.8309

■ 154.0400, 6.3893,
50.8309

■ 140.4590, 7.6617,
62.7415

■ 167.6210, 5.1168,
38.9204

■ 126.9920, 9.3709,
74.5520

■ 181.0880, 3.4076,
27.1098

■ 112.8240, 10.9328,
86.9774

■ 195.2560, 1.8458,
14.6845

■ 99.3570, 12.6420,
98.7879

■ 208.7230, 0.1366,
2.8739

■ 85.7760, 13.9144,
110.6984

■ 222.3040, -1.1359,
-9.0366

■ 75.4720, 15.0503,
119.7351

■ 235.8850, -2.4083,
-20.9471

■ 240.5470, 0.2233,
-25.0357

■ 241.8010, 5.0281,
-26.1355

■ 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



154.7020, 22.3319, 23.9403



154.0400, 6.3893, 50.8309



151.9260, -10.8095, 60.5779

Triad

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



154.0400, 6.3893, 50.8309



145.0260, -33.0438, 5.2392



120.6980, 41.0679, -105.8521

Complementary

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



154.0400, 6.3893, 50.8309



179.9600, -6.3893, -50.8309

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.



119.3980, 25.9328, -104.7120



154.0400, 6.3893, 50.8309



140.1450, -20.2845, -27.3142

Square

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



154.0400, 6.3893, 50.8309



148.3330, -35.1672, 33.0340



130.0270, 1.9587, -68.4297



134.1890, 43.2908, -72.0798

Rectangle

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



154.0400, 6.3893, 50.8309



150.7440, -21.5658, 57.2295



130.0270, 1.9587, -68.4297



120.8460, 36.5579, -105.9819

Sweetspot

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



154.0400, 6.3893, 50.8309



233.6910, 2.1243, 18.6880



145.7150, 32.6785, 18.6669



114.4190, 1.2724, 11.9105



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.



154.0400, 6.3893, 50.8309



171.2800, 9.2290, 73.4224



148.9100, -13.2666, 55.3299



99.9730, 0.9993, 6.1627



60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Inverse Universe

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



154.0400, 6.3893, 50.8309



171.2800, 9.2290, 73.4224



185.0900, 13.2666, -55.3299



99.9730, 0.9993, 6.1627



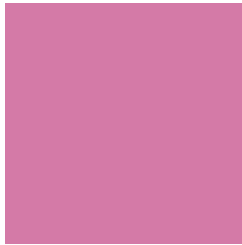
60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 154.0400, 6.3893, 50.8309 looks on a white background.

Color Contrast Check

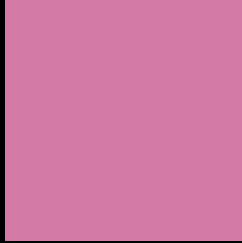
Large Text (above 18pt) WCAG AA × Fail

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 154.0400, 6.3893, 50.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

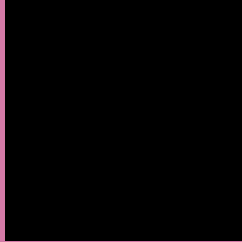
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.0400, 6.3893, 50.8309

Background



This preview shows how black text looks on a background with the YUV color 154.0400, 6.3893, 50.8309.



This preview shows how white text looks on a background with the YUV color 154.0400, 6.3893,

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

154.0400, 6.3893, 50.8309

Protanopia

151.8970, 16.3198, -7.8027

Deuteranopia

152.7110, 5.0725, 6.3925



Tritanopia

153.2450, -8.0088, 48.8971

Trichromacy



Original Color

154.0400, 6.3893, 50.8309

Protanomaly

152.7040, 12.4709, 13.4146

Deuteranomaly

153.2230, 5.3131, 22.6064

Tritanomaly

153.6240, -2.7726, 49.4418

Monochromacy



Original Color

154.0400, 6.3893, 50.8309

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8050, 2.5611, 18.5880

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0400, 6.3893, 50.8309 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(212, 122, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 122, 167)  
}
```

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(212, 122, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 122, 167) }
```

Border

The CSS property to change the border of an element to YUV 154.0400, 6.3893, 50.8309 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(212, 122, 167) }
```


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

```
.border{ border-color:rgb(212, 122, 167) }
```

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

Here you see how a box with a 4 pixel rgb(212, 122, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 122, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 122, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 122,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 154.0400, 6.3893, 50.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 122, 167) }
```

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

```
.background{ background-color: rgb(212,  
122, 167) }
```

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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