

Converting Colors

YUV(148.4390, 1.2626, 61.8820)

Have a look what the booklet for
YUV(148.4390, 1.2626, 61.8820)
contains.

YUV(148.4390, 1.2626, 61.8820)	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(148.4390, 1.2626,
61.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7097
RGB	219, 112, 151
RGB Percent	86%, 44%, 59%
CMY	0.1412, 0.5608, 0.4078
CMYK	0.00, 0.49, 0.31, 0.14
HSL	338°, 60%, 65%
HSV	338°, 49%, 86%
XYZ	40.5935, 28.8828, 32.7136
YIQ	148.4390, 51.2530, 34.8130

Conversions

Conversions Part 2

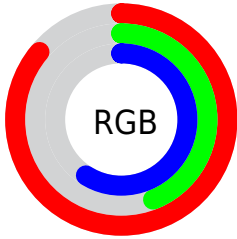
Format	Color
R _Y B	219, 112, 151
Decimal	14381207
CIE Lab	60.68, 46.03, -1.75
CIE LCh	61, 46.063, 357.823
Yxy	28.8828, 0.3972, 0.2826
Android (android.graphics.Color)	4292571287 (0xFFDB7097)
YUV	148.4390, 1.2626, 61.8820
Hunter-Lab	53.7427, 40.7768, 1.5296

Details

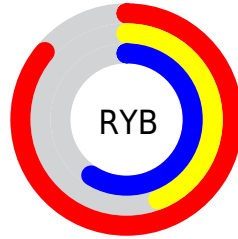
The YUV color **148.4390, 1.2626, 61.8820** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.5610, -1.2626, -61.8820**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0570, 3.9159, 50.8160**, and **94.1720, 2.8732, 58.6082** is the 20% darker color. If you saturate the color by 10%, you get **133.9290, 1.5140, 74.6073**, and if you desaturate by 10%, it is **162.9490, 1.0111, 49.1567**.

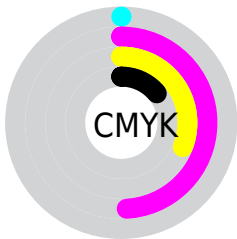
Distribution



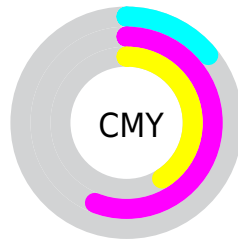
- Red (86%)
- Green (44%)
- Blue (59%)



- Red (86%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (49%)
- Yellow (31%)
- Black (14%)



- Cyan (14%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4390, 1.2626, 61.8820 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 148.4390, 1.2626, 61.8820 by changing the saturation by 10% instead.


 148.4390, 1.2626,
61.8820

 148.4390, 1.2626,
61.8820


255.0000, 0.0000,
0.0000

 121.5420, 1.7048,
60.0377


 197.0570, 3.9159,
50.8160

 94.1720, 2.8732,
58.6082

 216.6850, 8.0433,
33.6023


 66.6280, 4.6204,
58.2082

 236.2160, 9.2605,
16.4736

 37.5510, 8.1094,
59.1528

 253.2390, 0.8682,
1.5444

 27.0840, 2.9166,
44.6533

 17.4710, -4.1762,
32.9129

 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,
0.0000

■ 148.4390, 1.2626,
61.8820

■ 148.4390, 1.2626,
61.8820

■ 133.9290, 1.5140,
74.6073

■ 162.9490, 1.0111,
49.1567

■ 119.4190, 1.7654,
87.3325

■ 177.4590, 0.7597,
36.4315

■ 104.9090, 2.0169,
100.0578

■ 191.9690, 0.5083,
23.7062

■ 90.3990, 2.2683,
112.7831

■ 206.4790, 0.2569,
10.9809

■ 75.8890, 2.5197,
125.5083

■ 220.4020, 0.2948,
-1.2296

■ 74.6010, 2.6617,
126.6379

■ 234.9120, 0.0434,
-13.9548

■ 243.4380, 2.2491,
-21.4321

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



150.6930, 19.3784, 37.9802



148.4390, 1.2626, 61.8820



146.2380, -17.3723, 65.5663

Triad

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



148.4390, 1.2626, 61.8820



138.5470, -33.3007, -5.7417



119.4900, 46.5934, -104.7927

Complementary

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



148.4390, 1.2626, 61.8820



182.5610, -1.2626, -61.8820

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.



118.3040, 31.8951, -103.7526



148.4390, 1.2626, 61.8820



131.4140, -14.9941, -44.2131

Square

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



148.4390, 1.2626, 61.8820



142.7360, -39.8028, 26.5415



114.2170, 13.6970, -100.1683



133.3410, 46.1739, -63.4431

Rectangle

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



148.4390, 1.2626, 61.8820



145.6210, -28.4072, 58.2144



114.2170, 13.6970, -100.1683



119.7520, 42.5203, -105.0225

Sweetspot

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



148.4390, 1.2626, 61.8820



229.9580, 0.5137, 21.9618



144.5300, 36.7137, 31.1072



112.7890, 0.1040, 13.3400



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.



148.4390, 1.2626, 61.8820



156.0060, 1.4760, 86.8177



152.2110, -19.8240, 58.5740



102.7450, 0.1257, 6.3626



58.9090, 2.0169, 100.0578



15.6920, 0.6448, 26.5801

Inverse Universe

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



148.4390, 1.2626, 61.8820



156.0060, 1.4760, 86.8177



178.7890, 19.8240, -58.5740



102.7450, 0.1257, 6.3626



58.9090, 2.0169, 100.0578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 148.4390, 1.2626, 61.8820 looks on a white background.

Color Contrast Check

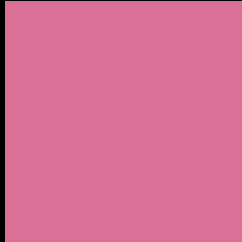
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4390, 1.2626, 61.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

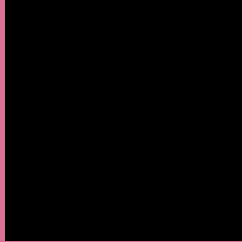
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.4390, 1.2626, 61.8820

Background



This preview shows how black text looks on a background with the YUV color 148.4390, 1.2626, 61.8820.



This preview shows how white text looks on a background with the YUV color 148.4390, 1.2626,

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

148.4390, 1.2626, 61.8820

Protanopia

147.7680, 11.9464, -5.0585

Deuteranopia

148.1370, -1.0535, 11.2809



Tritanopia

147.8120, -11.2463, 60.6779

Trichromacy



Original Color

148.4390, 1.2626, 61.8820

Protanomaly

148.1840, 7.7973, 19.1326

Deuteranomaly

148.1870, -0.0922, 29.6540

Tritanomaly

147.9630, -6.8838, 61.4224

Monochromacy



Original Color

148.4390, 1.2626, 61.8820

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2570, 0.3663, 22.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4390, 1.2626, 61.8820 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(219, 112, 151)` looks like.

```
.text, #text, p{  
    color:rgb(219, 112, 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(219, 112, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 112, 151) }
```

Border

The CSS property to change the border of an element to YUV 148.4390, 1.2626, 61.8820 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(219, 112, 151) }
```


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

```
.border{ border-color:rgb(219, 112, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 112, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 112, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 112, 151);  
box-shadow:4px 4px 4px 4px rgb(219, 112,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 148.4390, 1.2626, 61.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 112, 151) }
```

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

```
.background{ background-color: rgb(219,  
112, 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](#).

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