

Converting Colors

YUV(172.6880, 16.9158,
34.4766)

Have a look what the booklet for
YUV(172.6880, 16.9158, 34.4766)
contains.

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Color

**YUV(172.6880, 16.9158,
34.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	D492CF
RGB	212, 146, 207
RGB Percent	83%, 57%, 81%
CMY	0.1686, 0.4275, 0.1882
CMYK	0.00, 0.31, 0.02, 0.17
HSL	305°, 43%, 70%
HSV	305°, 31%, 83%
XYZ	48.6927, 39.0598, 64.0044
YIQ	172.6880, 19.7550, 32.9630

Conversions

Conversions Part 2

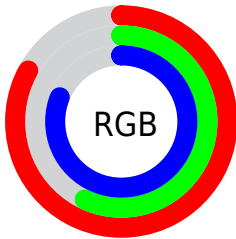
Format	Color
R _Y B	212, 146, 207
Decimal	13931215
CIE _{Lab}	68.79, 34.58, -21.34
CIE _{LCh}	69, 40.639, 328.323
Y _{xy}	39.0598, 0.3209, 0.2574
Android (android.graphics.Color)	4292121295 (0xFFD492CF)
Y _{UV}	172.6880, 16.9158, 34.4766
Hunter-Lab	62.4978, 29.7000, -16.9707

Details

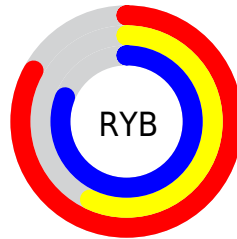
The YUV color **172.6880, 16.9158, 34.4766** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.3120, -16.9158, -34.4766**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3020, 15.6271, 27.7991**, and **119.2640, 16.6318, 32.2175** is the 20% darker color. If you saturate the color by 10%, you get **160.1330, 22.1194, 45.4874**, and if you desaturate by 10%, it is **185.2430, 11.7122, 23.4659**.

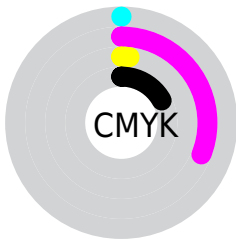
Distribution



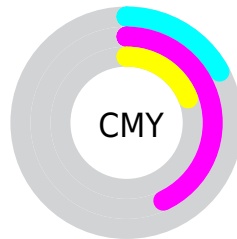
- Red (83%)
- Green (57%)
- Blue (81%)



- Red (83%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.6880, 16.9158, 34.4766 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 172.6880, 16.9158, 34.4766 by changing the saturation by 10% instead.


 172.6880, 16.9158,
34.4766

 172.6880, 16.9158,
34.4766


255.0000, 0.0000,
0.0000


 145.8620, 16.3370,
33.4470


 223.3020, 15.6271,
27.7991


 119.2640, 16.6318,
32.2175

 239.7380, 7.5242,
13.3848

 93.7370, 15.9057,
31.8027

 69.0250, 15.7637,
30.6731

 44.4270, 16.0585,
29.4435

 22.3020, 15.6271,
27.7991

 13.9280, 9.4025,

17.6031

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 172.6880, 16.9158,
34.4766

■ 172.6880, 16.9158,
34.4766

■ 160.1330, 22.1194,
45.4874

■ 185.2430, 11.7122,
23.4659

■ 147.6920, 27.7598,
56.3981

■ 197.6840, 6.0718,
12.5551

■ 134.5500, 33.2529,
67.9237

■ 210.8260, 0.5788,
1.0296

■ 122.1090, 38.8933,
78.8344

■ 223.2670, -5.0616,
-9.8812

109.5540, 44.0969,
89.8451

235.8220,
-10.2652, -20.8919

96.9990, 49.3005,
100.8559

237.8110,
-10.2598, -22.6362

85.7320, 54.3621,
110.7370

237.9250, -9.8230,
-22.7362

238.1530, -8.9494,
-22.9362

238.2670, -8.5126,
-23.0362

Harmonies

Analogous

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



170.4260, 30.8490, -1.2506



172.6880, 16.9158, 34.4766



171.3520, -0.1735, 55.8193

Triad

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



172.6880, 16.9158, 34.4766



165.1640, -35.5769, 24.4122



132.7970, 34.1171, -116.4630

Complementary

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



172.6880, 16.9158, 34.4766



185.3120, -16.9158, -34.4766

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.



144.6110, 9.5588, -79.4658



172.6880, 16.9158, 34.4766



161.5840, -29.3749, -4.8972

Square

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



172.6880, 16.9158, 34.4766



167.6860, -30.4112, 47.6334



155.7890, -13.7000, -39.2800



136.0440, 46.3203, -110.5406

Rectangle

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



172.6880, 16.9158, 34.4766



169.8120, -11.2463, 60.6779



155.7890, -13.7000, -39.2800



131.4290, 28.8755, -115.2632

Sweetspot

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



172.6880, 16.9158, 34.4766



241.2710, 5.7824, 12.0403



154.7200, 28.2390, -4.1394



118.9670, 3.4673, 7.9219



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.



172.6880, 16.9158, 34.4766



199.0240, 24.1452, 49.0910



169.0400, 2.9383, 37.6759



100.4290, 2.7465, 5.7628



69.1410, 43.8075, 89.3303



17.4170, 11.1334, 22.4363

Inverse Universe

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



172.6880, 16.9158, 34.4766



199.0240, 24.1452, 49.0910



188.9600, -2.9383, -37.6759



100.4290, 2.7465, 5.7628



69.1410, 43.8075, 89.3303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 172.6880, 16.9158, 34.4766 looks on a white background.

Color Contrast Check

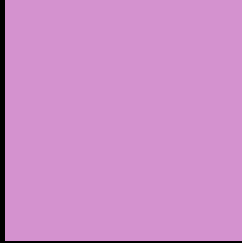
Large Text (above 18pt) WCAG AA × Fail

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 172.6880, 16.9158, 34.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

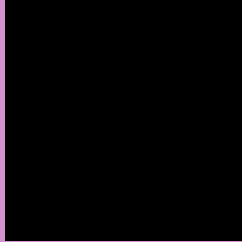
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.6880, 16.9158, 34.4766

Background



This preview shows how black text looks on a background with the YUV color 172.6880, 16.9158, 34.4766.



This preview shows how white text looks on a background with the YUV color 172.6880, 16.9158,

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

172.6880, 16.9158, 34.4766

Protanopia

168.3830, 25.9402, -13.4909

Deuteranopia

169.4570, 17.0297, -2.1548



Tritanopia

171.2150, -2.5710, 31.3834

Trichromacy



Original Color

172.6880, 16.9158, 34.4766



Protanomaly

169.9830, 22.6864, 3.5229



Deuteranomaly

170.2460, 17.1337, 11.1853



Tritanomaly

171.7620, 4.5543, 32.6577

Monochromacy



Original Color

172.6880, 16.9158, 34.4766



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.6840, 6.0718, 12.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6880, 16.9158, 34.4766 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, 146, 207)` looks like.

```
.text, #text, p{  
    color:rgb(212, 146, 207)  
}
```

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, 146, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 146, 207) }
```

Border

The CSS property to change the border of an element to YUV 172.6880, 16.9158, 34.4766 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, 146, 207) }
```


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

```
.border{ border-color:rgb(212, 146, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 146, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 146, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 146, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 146,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 172.6880, 16.9158, 34.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 146, 207) }
```

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

```
.background{ background-color: rgb(212,  
146, 207) }
```

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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