

Converting Colors

YUV(172.0170, 7.8796, 39.4501)

Have a look what the booklet for
YUV(172.0170, 7.8796, 39.4501)
contains.

YUV(172.0170, 7.8796, 39.4501)	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(172.0170, 7.8796,
39.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	D992BC
RGB	217, 146, 188
RGB Percent	85%, 57%, 74%
CMY	0.1490, 0.4275, 0.2627
CMYK	0.00, 0.33, 0.13, 0.15
HSL	325°, 48%, 71%
HSV	325°, 33%, 85%
XYZ	47.9713, 38.9403, 52.5648
YIQ	172.0170, 28.8340, 28.1140

Conversions

Conversions Part 2

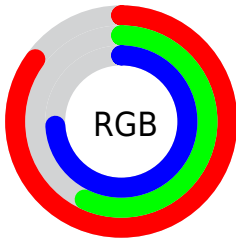
Format	Color
R _Y B	217, 146, 188
Decimal	14258876
CIE Lab	68.71, 32.97, -10.85
CIE LCh	69, 34.710, 341.791
Yxy	38.9403, 0.3439, 0.2792
Android (android.graphics.Color)	4292448956 (0xFFD992BC)
YUV	172.0170, 7.8796, 39.4501
Hunter-Lab	62.4022, 28.0169, -6.2617

Details

The YUV color **172.0170, 7.8796, 39.4501** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.9830, -7.8796, -39.4501**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0480, 10.8223, 28.8989**, and **118.7070, 8.0324, 37.0910** is the 20% darker color. If you saturate the color by 10%, you get **158.0770, 10.3150, 51.6755**, and if you desaturate by 10%, it is **185.9570, 5.4442, 27.2247**.

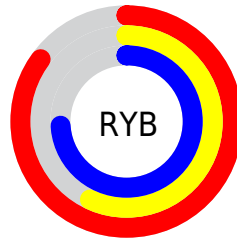
Distribution



Red (85%)

Green (57%)

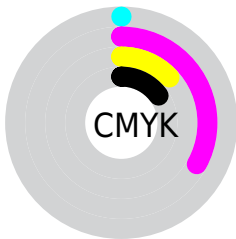
Blue (74%)



Red (85%)

Yellow (57%)

Blue (74%)

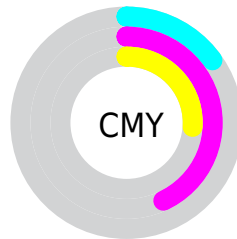


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0170, 7.8796, 39.4501 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 172.0170, 7.8796, 39.4501 by changing the saturation by 10% instead.

 172.0170, 7.8796,
39.4501

 172.0170, 7.8796,
39.4501


255.0000, 0.0000,
0.0000

 145.3050, 7.7376,
38.3205


 222.0480, 10.8223,
28.8989


 118.7070, 8.0324,
37.0910

 239.7380, 7.5242,
13.3848

 92.9950, 7.8905,
35.9614

 68.3970, 8.1853,
34.7318

 43.9130, 8.9169,
33.4023

 21.9020, 8.9223,
31.6579

 13.2290, 2.8451,

20.8472

0.0000, 0.0000,
0.0000

172.0170, 7.8796,
39.4501

172.0170, 7.8796,
39.4501

158.0770, 10.3150,
51.6755

185.9570, 5.4442,
27.2247

144.7240, 12.4611,
63.3861

199.3100, 3.2982,
15.5141

130.7840, 14.8965,
75.6114

213.2500, 0.8628,
3.2887

116.9580, 17.7687,
87.7368

227.0760, -2.0095,
-8.8367

103.0180, 20.2041,
99.9622

240.4290, -4.1555,
-20.5472

■ 89.6650, 22.3502,
111.6728

■ 242.0420, -0.5137,
-21.9618

■ 79.4750, 23.9228,
120.6094

■ 243.0680, 3.4175,
-22.8616

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



171.4080, 21.4909, 13.6742



172.0170, 7.8796, 39.4501



170.7830, -7.2880, 51.0563

Triad

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



172.0170, 7.8796, 39.4501



164.3840, -29.2763, 10.1872



146.0940, 30.5197, -82.5204

Complementary

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



172.0170, 7.8796, 39.4501



190.9830, -7.8796, -39.4501

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.



148.4360, 15.0681, -73.1734



172.0170, 7.8796, 39.4501



160.6240, -20.0276, -16.3332

Square

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



172.0170, 7.8796, 39.4501



166.9400, -29.0574, 33.3786



154.9760, -3.9322, -45.5830



156.6980, 34.6589, -56.7401

Rectangle

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



172.0170, 7.8796, 39.4501



169.3780, -16.4554, 51.4115



154.9760, -3.9322, -45.5830



145.7580, 26.7413, -83.9798

Sweetspot

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



172.0170, 7.8796, 39.4501



239.1850, 2.8668, 13.8698



162.4660, 26.8853, 10.1153



117.8100, 1.5727, 8.9366



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.



172.0170, 7.8796, 39.4501



192.2130, 10.7410, 55.0642



168.0270, -7.4083, 42.9493



102.9730, 0.9993, 6.1627



63.4690, 19.4888, 96.0587



16.8320, 5.0128, 25.5803

Inverse Universe

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



172.0170, 7.8796, 39.4501



192.2130, 10.7410, 55.0642



194.9730, 7.4083, -42.9493



102.9730, 0.9993, 6.1627



63.4690, 19.4888, 96.0587



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 172.0170, 7.8796, 39.4501 looks on a white background.

Color Contrast Check

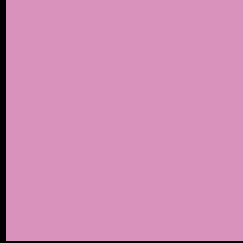
Large Text (above 18pt) WCAG AA × Fail

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 172.0170, 7.8796, 39.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

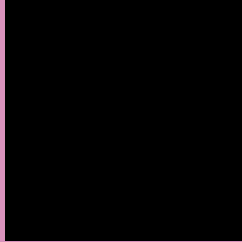
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0170, 7.8796, 39.4501

Background



This preview shows how black text looks on a background with the YUV color 172.0170, 7.8796, 39.4501.



This preview shows how white text looks on a background with the YUV color 172.0170, 7.8796,

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

172.0170, 7.8796, 39.4501

Protanopia

168.4950, 16.0250, -6.5731

Deuteranopia

169.6940, 7.5459, 6.4074



Tritanopia

171.0910, -4.4819, 37.6312

Trichromacy



Original Color

172.0170, 7.8796, 39.4501

Protanomaly

169.7960, 12.9186, 9.8259

Deuteranomaly

170.7710, 7.5079, 18.6178

Tritanomaly

171.2420, -0.1193, 38.3758

Monochromacy



Original Color

172.0170, 7.8796, 39.4501

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1850, 2.8668, 13.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0170, 7.8796, 39.4501 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(217, 146, 188)` looks like.

```
.text, #text, p{  
    color:rgb(217, 146, 188)  
}
```

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(217, 146, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 146, 188) }
```

Border

The CSS property to change the border of an element to YUV 172.0170, 7.8796, 39.4501 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(217, 146, 188) }
```


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

```
.border{ border-color:rgb(217, 146, 188) }
```

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

Here you see how a box with a 4 pixel rgb(217, 146, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 146, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 146, 188);  
box-shadow:4px 4px 4px 4px rgb(217, 146,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 172.0170, 7.8796, 39.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 146, 188) }
```

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

```
.background{ background-color: rgb(217,  
146, 188) }
```

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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