

Converting Colors

YUV(147.9900, 22.1899,
22.8108)

Have a look what the booklet for
YUV(147.9900, 22.1899, 22.8108)
contains.

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Color

**YUV(147.9900, 22.1899,
22.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7EC1
RGB	174, 126, 193
RGB Percent	68%, 49%, 76%
CMY	0.3176, 0.5059, 0.2431
CMYK	0.10, 0.35, 0.00, 0.24
HSL	283°, 35%, 63%
HSV	283°, 35%, 76%
XYZ	34.5421, 27.7706, 53.9918
YIQ	147.9900, 7.1010, 31.0130

Conversions

Conversions Part 2

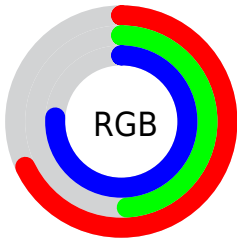
Format	Color
RYB	174, 126, 193
Decimal	11435713
CIELab	59.68, 30.60, -27.82
CIELCh	60, 41.355, 317.728
Yxy	27.7706, 0.2970, 0.2388
Android (android.graphics.Color)	4289625793 (0xFFAE7EC1)
YUV	147.9900, 22.1899, 22.8108
Hunter-Lab	52.6979, 24.7808, -23.8573

Details

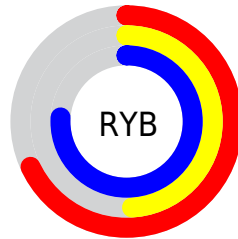
The YUV color **147.9900, 22.1899, 22.8108** is a light color, and the websafe version is hex **996699**. A complement of this color would be **171.0100, -22.1899, -22.8108**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3430, 23.4949, 24.2552**, and **96.3380, 21.0324, 20.7516** is the 20% darker color. If you saturate the color by 10%, you get **135.3420, 28.4254, 29.5181**, and if you desaturate by 10%, it is **160.6380, 15.9545, 16.1035**.

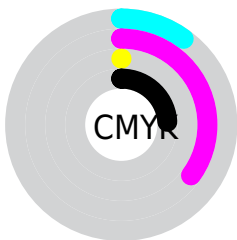
Distribution



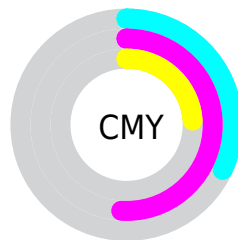
- Red (68%)
- Green (49%)
- Blue (76%)



- Red (68%)
- Yellow (49%)
- Blue (76%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (32%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.9900, 22.1899, 22.8108 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 147.9900, 22.1899, 22.8108 by changing the saturation by 10% instead.

■ 147.9900, 22.1899,
22.8108

■ 147.9900, 22.1899,
22.8108

■ 255.0000, 0.0000,
0.0000

■ 122.1640, 21.6111,
21.7812

■ 202.3430, 23.4949,
24.2552

■ 96.3380, 21.0324,
20.7516

■ 226.8240, 13.8908,
24.7104

■ 71.8110, 20.3062,
20.3368

■ 243.2600, 5.7878,
10.2960

■ 48.0990, 20.1642,
19.2072

■ 24.6860, 19.8748,
18.6924

■ 13.2740, 14.6549,
12.9147

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 147.9900, 22.1899,
22.8108

■ 147.9900, 22.1899,
22.8108

■ 135.3420, 28.4254,
29.5181

■ 160.6380, 15.9545,
16.1035

■ 121.8080, 35.0977,
36.1254

■ 174.1720, 9.2822,
9.4962

■ 109.1600, 41.3331,
42.8327

■ 186.8200, 3.0467,
2.7889

■ 96.2130, 47.7160,
48.9252

■ 199.7670, -3.3361,
-3.3037

■ 83.5650, 53.9515,
55.6325

■ 213.0020, -9.8610,
-10.5258

70.0310, 60.6237,
62.2398

225.9490,
-16.2439, -16.6183

63.2640, 63.9598,
65.5435

235.0750,
-20.7430, -20.2368

236.8690,
-21.6274, -16.5481

238.3640,
-22.3645, -13.4742

Harmonies

Analogous

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



143.2390, 34.3922, -17.7496



147.9900, 22.1899, 22.8108



147.3280, 6.2473, 49.7013

Triad

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



147.9900, 22.1899, 22.8108



141.5610, -34.2936, 32.8340



113.9040, 25.1903, -99.8938

Complementary

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



147.9900, 22.1899, 22.8108



171.0100, -22.1899, -22.8108

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.



123.0270, 1.9587, -68.4297



147.9900, 22.1899, 22.8108



138.4390, -32.7544, 5.7540

Square

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



147.9900, 22.1899, 22.8108



143.2720, -25.7701, 52.3815



133.5580, -19.9951, -26.7994



115.7910, 40.0360, -101.5487

Rectangle

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



147.9900, 22.1899, 22.8108



145.8100, -4.8363, 58.0486



133.5580, -19.9951, -26.7994



113.0090, 19.2226, -99.1089

Sweetspot

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



147.9900, 22.1899, 22.8108



233.2320, 8.2666, 8.5665



145.3780, 23.4776, -16.9945



114.9990, 4.9305, 5.2629



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.9900, 22.1899, 22.8108



179.3950, 34.8083, 35.6106



152.1890, 13.7108, 35.7912



90.2330, 3.3361, 3.3037



52.7390, 53.3727, 54.6029



10.9380, 10.8766, 11.4554

Inverse Universe

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



148.1990, -1.5771, 39.2905



179.8150, -2.3738, 61.5522



166.8110, -13.7108, -35.7912



90.3320, -0.1637, 5.8478



53.3830, -3.6398, 94.3801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 147.9900, 22.1899, 22.8108 looks on a white background.

Color Contrast Check

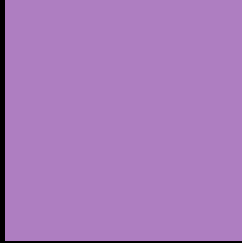
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.9900, 22.1899, 22.8108 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 147.9900, 22.1899, 22.8108

Background



This preview shows how black text looks on a background with the YUV color 147.9900, 22.1899, 22.8108.



This preview shows how white text looks on a background with the YUV color 147.9900, 22.1899,

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

147.9900, 22.1899, 22.8108

Protanopia

143.8000, 30.1716, -17.3646

Deuteranopia

144.7810, 22.2930, -10.3319



Tritanopia

146.4090, -0.2016, 18.0583

Trichromacy



Original Color

147.9900, 22.1899, 22.8108

Protanomaly

145.2040, 27.5074, -2.8099

Deuteranomaly

145.8580, 22.2550, 1.8785

Tritanomaly

146.8960, 7.9393, 20.2622

Monochromacy



Original Color

147.9900, 22.1899, 22.8108

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.9900, 22.1899, 22.8108 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(174, 126, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 126, 193)  
}
```

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(174, 126, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 126, 193) }
```

Border

The CSS property to change the border of an element to YUV 147.9900, 22.1899, 22.8108 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(174, 126, 193) }
```


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

```
.border{ border-color:rgb(174, 126, 193) }
```

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

Here you see how a box with a 4 pixel rgb(174, 126, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 126, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 126, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 126,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 147.9900, 22.1899, 22.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 126, 193) }
```

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

```
.background{ background-color: rgb(174,  
126, 193) }
```

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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