

Converting Colors

YUV(190.3920, 22.4847,
21.5812)

Have a look what the booklet for
YUV(190.3920, 22.4847, 21.5812)
contains.

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Color

**YUV(190.3920, 22.4847,
21.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A9EC
RGB	215, 169, 236
RGB Percent	84%, 66%, 93%
CMY	0.1569, 0.3373, 0.0745
CMYK	0.09, 0.28, 0.00, 0.07
HSL	281°, 64%, 79%
HSV	281°, 28%, 93%
XYZ	57.3526, 48.8791, 85.7687
YIQ	190.3920, 5.9090, 30.5890

Conversions

Conversions Part 2

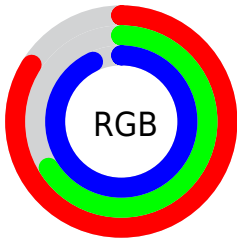
Format	Color
R _Y B	215, 169, 236
Decimal	14133740
CIE Lab	75.38, 28.65, -27.16
CIE LCh	75, 39.481, 316.528
Yxy	48.8791, 0.2987, 0.2546
Android (android.graphics.Color)	4292323820 (0xFFD7A9EC)
YUV	190.3920, 22.4847, 21.5812
Hunter-Lab	69.9136, 24.0811, -23.7963

Details

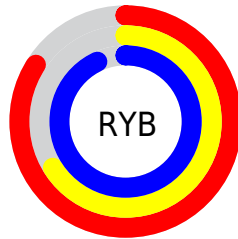
The YUV color **190.3920, 22.4847, 21.5812** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **214.6080, -22.4847, -21.5812**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3900, 8.6817, 15.4440**, and **136.1530, 21.6166, 20.0368** is the 20% darker color. If you saturate the color by 10%, you get **174.2110, 30.4620, 29.6330**, and if you desaturate by 10%, it is **206.5730, 14.5075, 13.5295**.

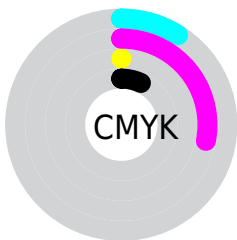
Distribution



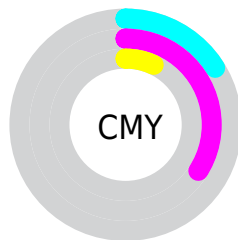
- Red (84%)
- Green (66%)
- Blue (93%)



- Red (84%)
- Yellow (66%)
- Blue (93%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.3920, 22.4847, 21.5812 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 190.3920, 22.4847, 21.5812 by changing the saturation by 10% instead.


 190.3920, 22.4847,
21.5812


 190.3920, 22.4847,
21.5812


255.0000, 0.0000,
0.0000


 162.9790, 22.1954,
21.0664


 237.3900, 8.6817,
15.4440


 136.1530, 21.6166,
20.0368


 253.8260, 0.5788,
1.0296

 110.6260, 20.8904,
19.6220

 85.8000, 20.3116,
18.5924

 61.9740, 19.7328,
17.5628

 38.4470, 19.0066,
17.1480

 16.6210, 18.4278,

16.1184

■ 3.7620, 14.4143,
-3.2993

■ 0.5700, 2.1840,
-0.4999

■ 190.3920, 22.4847,
21.5812

■ 190.3920, 22.4847,
21.5812

■ 174.2110, 30.4620,
29.6330

■ 206.5730, 14.5075,
13.5295

■ 158.3180, 38.2972,
36.5551

■ 222.4660, 6.6723,
6.6073

■ 142.1370, 46.2745,
44.6069

■ 238.6470, -1.3050,
-1.4444

■ 126.2440, 54.1097,
51.5290

■ 249.8440, -6.8251,
-4.2482

■ 110.0630, 62.0869,
59.5807

■ 251.9370, -7.8569,
0.0553

■ 93.8820, 70.0642,
67.6325

■ 252.8340, -8.2992,
1.8996

■ 77.9890, 77.8994,
74.5546

■ 75.3420, 79.2044,
75.9991

Harmonies

Analogous

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



185.5380, 34.2448, -17.1348



190.3920, 22.4847, 21.5812



190.1430, 6.8315, 48.9866

Triad

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



190.3920, 22.4847, 21.5812



184.5720, -34.2990, 34.5784



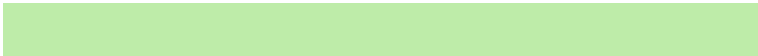
159.2530, 22.5533, -94.0609

Complementary

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



190.3920, 22.4847, 21.5812



214.6080, -22.4847, -21.5812

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.



169.2840, -1.1260, -59.0081



190.3920, 22.4847, 21.5812



181.4500, -32.7598, 7.4984

Square

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



190.3920, 22.4847, 21.5812



186.8700, -26.0649, 53.6110



176.6400, -21.0215, -24.2403



158.7480, 38.5782, -100.6340

Rectangle

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



190.3920, 22.4847, 21.5812



188.8100, -4.8363, 58.0486



176.6400, -21.0215, -24.2403



162.9680, 14.8058, -82.4099

Sweetspot

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



190.3920, 22.4847, 21.5812



239.4060, 7.6878, 7.5369



188.9650, 23.1883, -17.5093



117.7000, 5.0779, 4.6481



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.



190.3920, 22.4847, 21.5812



195.8580, 29.1570, 28.1885



195.3030, 14.1476, 35.6913



109.6460, 3.6255, 3.8185



57.7100, 60.7820, 58.1363



17.2190, 18.1330, 17.3479

Inverse Universe

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



191.4270, -0.7035, 39.0905



197.0910, -1.0309, 50.7862



209.6970, -14.1476, -35.6913



109.6310, -0.3111, 6.4626



60.6170, -1.7832, 105.5759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 190.3920, 22.4847, 21.5812 looks on a white background.

Color Contrast Check

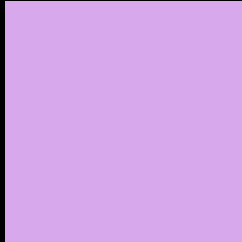
Large Text (above 18pt) WCAG AA × Fail

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 190.3920, 22.4847, 21.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

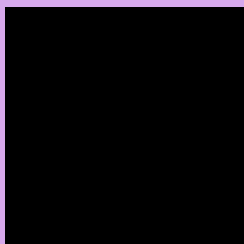
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.3920, 22.4847, 21.5812

Background



This preview shows how black text looks on a background with the YUV color 190.3920, 22.4847, 21.5812.



This preview shows how white text looks on a background with the YUV color 190.3920, 22.4847,

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

190.3920, 22.4847, 21.5812

Protanopia

186.3980, 29.8768, -16.1350

Deuteranopia

186.9170, 22.7189, -6.9432



Tritanopia

188.4520, 1.2562, 17.1436

Trichromacy



Original Color

190.3920, 22.4847, 21.5812

Protanomaly

188.0900, 27.0706, -2.7099

Deuteranomaly

187.9830, 22.6864, 3.5229

Tritanomaly

189.4120, 8.6709, 18.9327

Monochromacy



Original Color

190.3920, 22.4847, 21.5812

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3920, 22.4847, 21.5812 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(215, 169, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 236)  
}
```

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(215, 169, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 236) }
```

Border

The CSS property to change the border of an element to YUV 190.3920, 22.4847, 21.5812 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(215, 169, 236) }
```


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

```
.border{ border-color:rgb(215, 169, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 169, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 169, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 169, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 169,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 190.3920, 22.4847, 21.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 236) }
```

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

```
.background{ background-color: rgb(215,  
169, 236) }
```

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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