

Converting Colors

YUV(190.9200, 18.2804,
16.7332)

Have a look what the booklet for
YUV(190.9200, 18.2804, 16.7332)
contains.

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Color

**YUV(190.9200, 18.2804,
16.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AEE4
RGB	210, 174, 228
RGB Percent	82%, 68%, 89%
CMY	0.1765, 0.3176, 0.1059
CMYK	0.08, 0.24, 0.00, 0.11
HSL	280°, 50%, 79%
HSV	280°, 24%, 89%
XYZ	55.7180, 49.5752, 80.0311
YIQ	190.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

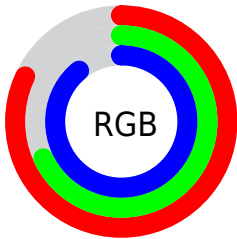
Format	Color
R _{YB}	210, 174, 228
Decimal	13807332
CIE Lab	75.81, 22.74, -22.20
CIE LCh	76, 31.782, 315.680
Yxy	49.5752, 0.3007, 0.2675
Android (android.graphics.Color)	4291997412 (0xFFD2AEE4)
YUV	190.9200, 18.2804, 16.7332
Hunter-Lab	70.4096, 18.0374, -18.1052

Details

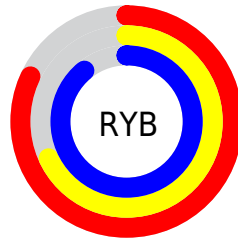
The YUV color **190.9200, 18.2804, 16.7332** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **211.0800, -18.2804, -16.7332**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **136.9800, 17.2649, 15.8035** is the 20% darker color. If you saturate the color by 10%, you get **175.0270, 26.1157, 23.6553**, and if you desaturate by 10%, it is **206.8130, 10.4452, 9.8110**.

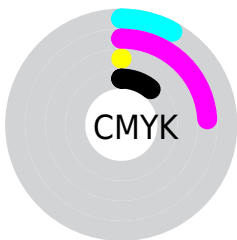
Distribution



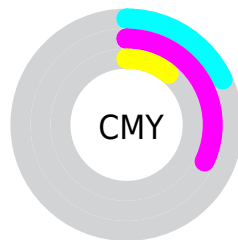
- Red (82%)
- Green (68%)
- Blue (89%)



- Red (82%)
- Yellow (68%)
- Blue (89%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)




- Cyan (18%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.9200, 18.2804, 16.7332 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 190.9200, 18.2804, 16.7332 by changing the saturation by 10% instead.


 190.9200, 18.2804,
16.7332


 190.9200, 18.2804,
16.7332


255.0000, 0.0000,
0.0000


 163.5070, 17.9910,
16.2184


 240.3250, 7.2348,
12.8700

 136.9800, 17.2649,
15.8035

 111.5670, 16.9755,
15.2887

 86.7410, 16.3967,
14.2591

 62.9150, 15.8179,
13.2295

 40.3880, 15.0917,
12.8147

 18.0890, 15.2391,

12.1999

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 190.9200, 18.2804,
16.7332

■ 190.9200, 18.2804,
16.7332

■ 175.0270, 26.1157,
23.6553

■ 206.8130, 10.4452,
9.8110

■ 159.4330, 33.8035,
31.1923

■ 222.4070, 2.7573,
2.2741

■ 144.1270, 41.3494,
37.5996

■ 237.7130, -4.7885,
-4.1333

■ 128.5330, 49.0372,
45.1366

■ 247.4370, -9.5824,
-6.5222

■ 112.6400, 56.8725,
52.0587

■ 249.8290,
-10.7617, -1.6040

■ 96.7470, 64.7077,
58.9809

■ 251.9220,
-11.7935, 2.6994

■ 81.1530, 72.3956,
66.5178

■ 71.4400, 77.1841,
70.6511

Harmonies

Analogous

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



186.8390, 27.6874, -13.8908



190.9200, 18.2804, 16.7332



191.6210, 5.1168, 38.9204

Triad

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



190.9200, 18.2804, 16.7332



186.2600, -27.7362, 29.5900



171.4910, 15.0409, -64.4516

Complementary

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



190.9200, 18.2804, 16.7332



211.0800, -18.2804, -16.7332

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.



175.4430, -2.1904, -44.2385



190.9200, 18.2804, 16.7332



183.7580, -26.5027, 7.2282

Square

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



190.9200, 18.2804, 16.7332



188.7810, -21.0910, 44.9191



180.2970, -17.4014, -18.6775



172.3950, 27.4133, -66.1214

Rectangle

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



190.9200, 18.2804, 16.7332



190.5590, -4.2196, 46.8678



180.2970, -17.4014, -18.6775



172.4440, 9.6411, -59.1484

Sweetspot

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



190.9200, 18.2804, 16.7332



242.6400, 6.0935, 5.5777



190.7220, 18.3781, -14.6652



120.3470, 3.7729, 3.2037



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.



190.9200, 18.2804, 16.7332



206.1470, 24.0845, 21.7961



195.3900, 12.1327, 28.5990



106.7600, 4.0623, 3.7185



55.9870, 60.6454, 55.2624



15.9800, 17.2649, 15.8035

Inverse Universe

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



192.1980, -0.0976, 31.3984



207.8510, -0.4195, 41.3497



206.6100, -12.1327, -28.5990



107.0440, -0.0217, 6.9774



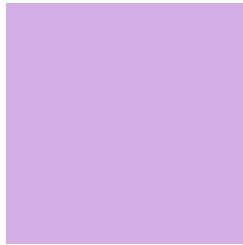
60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 190.9200, 18.2804, 16.7332 looks on a white background.

Color Contrast Check

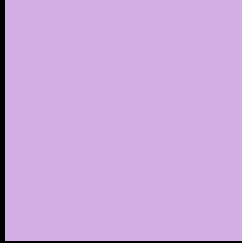
Large Text (above 18pt) WCAG AA × Fail

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 190.9200, 18.2804, 16.7332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

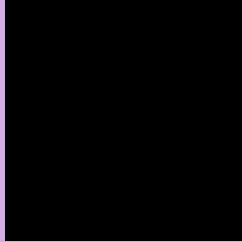
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.9200, 18.2804, 16.7332

Background



This preview shows how black text looks on a background with the YUV color 190.9200, 18.2804, 16.7332.



This preview shows how white text looks on a background with the YUV color 190.9200, 18.2804,

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

190.9200, 18.2804, 16.7332

Protanopia

187.5250, 23.8982, -11.8614

Deuteranopia

188.7990, 18.3401, -2.4547



Tritanopia

189.0710, 2.4300, 13.9697

Trichromacy



Original Color

190.9200, 18.2804, 16.7332

Protanomaly

188.7220, 21.8291, -1.5102

Deuteranomaly

189.8430, 18.3184, 4.5227

Tritanomaly

189.8630, 7.9555, 15.0291

Monochromacy



Original Color

190.9200, 18.2804, 16.7332

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.0530, 6.3829, 6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9200, 18.2804, 16.7332 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(210, 174, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 174, 228)  
}
```

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(210, 174, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 174, 228) }
```

Border

The CSS property to change the border of an element to YUV 190.9200, 18.2804, 16.7332 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(210, 174, 228) }
```


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

```
.border{ border-color:rgb(210, 174, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 174, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 174, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 174, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 174,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 190.9200, 18.2804, 16.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 174, 228) }
```

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

```
.background{ background-color: rgb(210,  
174, 228) }
```

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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