

Converting Colors

YUV(192.8490, 19.3014,
15.9184)

Have a look what the booklet for
YUV(192.8490, 19.3014, 15.9184)
contains.

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Color

**YUV(192.8490, 19.3014,
15.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B0E8
RGB	211, 176, 232
RGB Percent	83%, 69%, 91%
CMY	0.1725, 0.3098, 0.0902
CMYK	0.09, 0.24, 0.00, 0.09
HSL	278°, 55%, 80%
HSV	278°, 24%, 91%
XYZ	56.9548, 50.7257, 83.1331
YIQ	192.8490, 2.8840, 24.8360

Conversions

Conversions Part 2

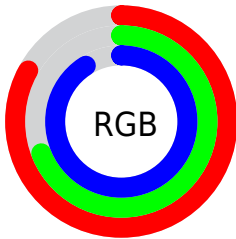
Format	Color
R _Y B	211, 176, 232
Decimal	13873384
CIE _{Lab}	76.51, 22.77, -23.29
CIE _{LCh}	77, 32.576, 314.356
Y _{xy}	50.7257, 0.2985, 0.2658
Android (android.graphics.Color)	4292063464 (0xFFD3B0E8)
YUV	192.8490, 19.3014, 15.9184
Hunter-Lab	71.2220, 18.1043, -19.3502

Details

The YUV color **192.8490, 19.3014, 15.9184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **215.1510, -19.3014, -15.9184**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **138.9090, 18.2859, 14.9888** is the 20% darker color. If you saturate the color by 10%, you get **176.6570, 27.2841, 22.2258**, and if you desaturate by 10%, it is **209.0410, 11.3188, 9.6110**.

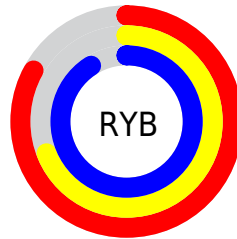
Distribution



Red (83%)

Green (69%)

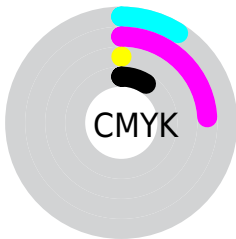
Blue (91%)



Red (83%)

Yellow (69%)

Blue (91%)

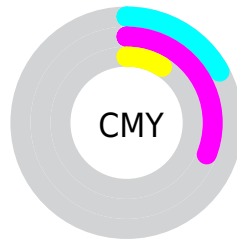


Cyan (9%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (17%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8490, 19.3014, 15.9184 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 192.8490, 19.3014, 15.9184 by changing the saturation by 10% instead.

192.8490, 19.3014,
15.9184

192.8490, 19.3014,
15.9184

255.0000, 0.0000,
0.0000

165.4360, 19.0121,
15.4036

241.4990, 6.6560,
11.8404

138.9090, 18.2859,
14.9888

113.3820, 17.5597,
14.5740

88.6700, 17.4177,
13.4444

64.7300, 16.4021,
12.5148

41.9040, 15.8233,
11.4852

19.9040, 15.8233,

11.4852

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

■ 192.8490, 19.3014,
15.9184

■ 192.8490, 19.3014,
15.9184

■ 176.6570, 27.2841,
22.2258

■ 209.0410, 11.3188,
9.6110

■ 160.7640, 35.1193,
29.1480

■ 224.9340, 3.4835,
2.6889

■ 143.9850, 43.3914,
35.9702

■ 241.7130, -4.7885,
-4.1333

■ 127.7930, 51.3741,
42.2775

■ 249.6870, -8.7197,
-3.2335

■ 111.9000, 59.2093,
49.1997

■ 252.3780,
-10.0464, 2.2995

■ 95.7080, 67.1920,
55.5071

■ 79.5160, 75.1746,
61.8145

■ 69.8030, 79.9631,
65.9478

Harmonies

Analogous

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



189.0560, 28.5664, -15.8351



192.8490, 19.3014, 15.9184



193.2620, 6.2798, 39.2352

Triad

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



192.8490, 19.3014, 15.9184



188.1570, -28.1784, 31.4343



172.7790, 14.8990, -65.5812

Complementary

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



192.8490, 19.3014, 15.9184



215.1510, -19.3014, -15.9184

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.



177.0300, -2.4798, -44.7533



192.8490, 19.3014, 15.9184



185.2420, -27.2343, 8.5578

Square

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



192.8490, 19.3014, 15.9184



190.4930, -20.9490, 46.0486



181.4820, -17.9856, -17.9627



173.7860, 27.7135, -69.0953

Rectangle

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



192.8490, 19.3014, 15.9184



192.3850, -3.6408, 47.8974



181.4820, -17.9856, -17.9627



173.9170, 8.9149, -59.5632

Sweetspot

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



192.8490, 19.3014, 15.9184



242.3410, 6.2409, 4.9629



194.7110, 18.3835, -16.4095



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.



192.8490, 19.3014, 15.9184



203.1900, 25.5423, 20.8814



198.3300, 13.1483, 29.5286



106.4610, 4.2097, 3.1037



53.8940, 61.6773, 50.9590



15.3820, 17.5597, 14.5740

Inverse Universe

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



195.1380, 0.9180, 32.3280



206.3180, 1.3222, 42.6941



209.6700, -13.1483, -29.5286



107.1580, 0.4151, 6.8774



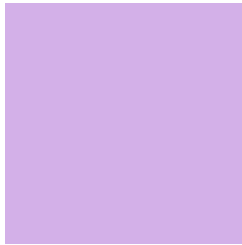
61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 192.8490, 19.3014, 15.9184 looks on a white background.

Color Contrast Check

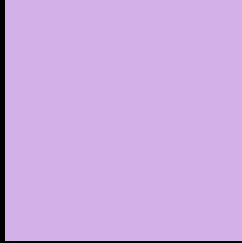
Large Text (above 18pt) WCAG AA × Fail

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 192.8490, 19.3014, 15.9184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

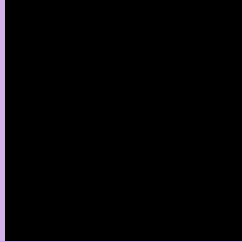
Any Text WCAG AA ✓ Pass

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 192.8490, 19.3014, 15.9184 Background



This preview shows how black text looks on a background with the YUV color 192.8490, 19.3014, 15.9184.



This preview shows how white text looks on a background with the YUV color 192.8490, 19.3014,

15.9184.

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

192.8490, 19.3014, 15.9184

Protanopia

189.7530, 24.7718, -12.0614

Deuteranopia

190.7280, 19.3611, -3.2695



Tritanopia

190.8860, 3.0142, 13.2550

Trichromacy



Original Color

192.8490, 19.3014, 15.9184

Protanomaly

190.9500, 22.7027, -1.7101

Deuteranomaly

191.7720, 19.3394, 3.7080

Tritanomaly

191.7920, 8.9765, 14.2144

Monochromacy



Original Color

192.8490, 19.3014, 15.9184

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1670, 6.8197, 5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8490, 19.3014, 15.9184 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(211, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 176, 232)  
}
```

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(211, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 176, 232) }
```

Border

The CSS property to change the border of an element to YUV 192.8490, 19.3014, 15.9184 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(211, 176, 232) }
```


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

```
.border{ border-color:rgb(211, 176, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 176,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 192.8490, 19.3014, 15.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 176, 232) }
```

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

```
.background{ background-color: rgb(211,  
176, 232) }
```

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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