

Converting Colors

YUV(192.7740, 16.3804,
19.4922)

Have a look what the booklet for
YUV(192.7740, 16.3804, 19.4922)
contains.

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Color

**YUV(192.7740, 16.3804,
19.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AFE2
RGB	215, 175, 226
RGB Percent	84%, 69%, 89%
CMY	0.1569, 0.3137, 0.1137
CMYK	0.05, 0.23, 0.00, 0.11
HSL	287°, 47%, 79%
HSV	287°, 23%, 89%
XYZ	57.0818, 50.5980, 78.7094
YIQ	192.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

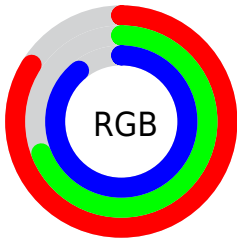
Format	Color
R _{YB}	215, 175, 226
Decimal	14135266
CIE _{Lab}	76.43, 23.42, -20.12
CIE _{LCh}	76, 30.880, 319.331
Yxy	50.5980, 0.3063, 0.2715
Android (android.graphics.Color)	4292325346 (0xFFD7AFE2)
YUV	192.7740, 16.3804, 19.4922
Hunter-Lab	71.1323, 18.7601, -15.8130

Details

The YUV color **192.7740, 16.3804, 19.4922** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.2260, -16.3804, -19.4922**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **138.9480, 15.8016, 18.4626** is the 20% darker color. If you saturate the color by 10%, you get **177.7780, 23.7734, 28.2587**, and if you desaturate by 10%, it is **207.7700, 8.9874, 10.7257**.

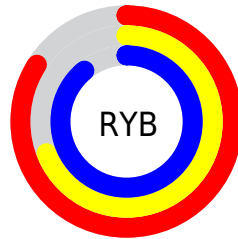
Distribution



Red (84%)

Green (69%)

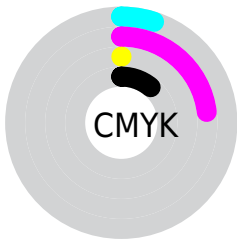
Blue (89%)



Red (84%)

Yellow (69%)

Blue (89%)

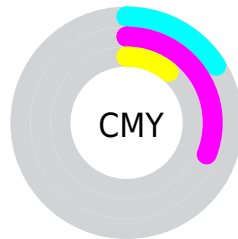


Cyan (5%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.7740, 16.3804, 19.4922 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 192.7740, 16.3804, 19.4922 by changing the saturation by 10% instead.

■ 192.7740, 16.3804,
19.4922

■ 192.7740, 16.3804,
19.4922

255.0000, 0.0000,
0.0000

■ 165.3610, 16.0910,
18.9774

■ 240.9120, 6.9454,
12.3552

■ 138.9480, 15.8016,
18.4626

■ 113.1220, 15.2229,
17.4330

■ 88.5950, 14.4967,
17.0182

■ 64.7690, 13.9179,
15.9886

■ 42.0570, 13.7759,
14.8590

■ 19.6440, 13.4865,

14.3442

■ 4.4590, 10.6197,
0.4745

■ 0.0000, 0.0000,
0.0000

■ 192.7740, 16.3804,
19.4922

■ 192.7740, 16.3804,
19.4922

■ 177.7780, 23.7734,
28.2587

■ 207.7700, 8.9874,
10.7257

■ 163.3690, 30.8771,
36.5104

■ 222.1790, 1.8838,
2.4740

■ 148.3730, 38.2701,
45.2769

■ 237.1750, -5.5093,
-6.2925

■ 134.2630, 45.2263,
54.1433

■ 245.4150, -9.5716,
-10.0110

119.2670, 52.6194,
62.9098

246.9100,
-10.3086, -6.9371

104.2710, 60.0124,
71.6763

248.4050,
-11.0457, -3.8632

89.8620, 67.1160,
79.9280

249.9000,
-11.7827, -0.7893

78.6870, 72.6253,
86.2205

251.3950,
-12.5197, 2.2846

251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



189.7040, 25.7819, -9.3874



192.7740, 16.3804, 19.4922



192.8770, 3.5116, 40.4499

Triad

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



192.7740, 16.3804, 19.4922



187.7650, -26.9991, 26.5161



173.7300, 15.9091, -62.9072

Complementary

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



192.7740, 16.3804, 19.4922



208.2260, -16.3804, -19.4922

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.



177.3010, -0.1484, -45.8680



192.7740, 16.3804, 19.4922



185.3770, -25.3289, 4.0544

Square

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



192.7740, 16.3804, 19.4922



189.9440, -21.6644, 42.1451



181.5570, -15.0646, -21.5365



175.7160, 27.2550, -62.0179

Rectangle

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



192.7740, 16.3804, 19.4922



191.9180, -5.3826, 46.5529



181.5570, -15.0646, -21.5365



174.7860, 10.9515, -59.4483

Sweetspot

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



192.7740, 16.3804, 19.4922



243.2380, 5.7987, 6.8073



187.2710, 19.0934, -10.7617



120.6460, 3.6255, 3.8185



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.



192.7740, 16.3804, 19.4922



210.0120, 22.1791, 26.2995



194.4670, 8.6438, 27.6544



104.9450, 3.4781, 4.4332



61.3260, 56.5343, 67.2431



16.8340, 15.3648, 18.5626

Inverse Universe

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



191.5030, -2.7130, 30.2539



208.3410, -3.6191, 40.9199



206.5330, -8.6438, -27.6544



104.5170, -0.7479, 6.5626



56.9560, -9.3453, 104.4016



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 192.7740, 16.3804, 19.4922 looks on a white background.

Color Contrast Check

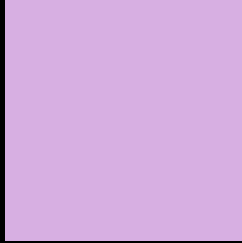
Large Text (above 18pt) WCAG AA × Fail

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 192.7740, 16.3804, 19.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

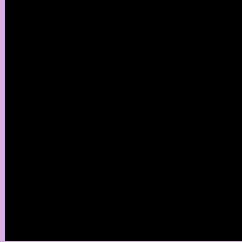
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.7740, 16.3804, 19.4922

Background



This preview shows how black text looks on a background with the YUV color 192.7740, 16.3804, 19.4922.



This preview shows how white text looks on a background with the YUV color 192.7740, 16.3804,

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

192.7740, 16.3804, 19.4922

Protanopia

189.6670, 21.8562, -10.2320

Deuteranopia

190.3540, 16.5875, -0.3105



Tritanopia

191.2670, 1.8404, 16.4288

Trichromacy



Original Color

192.7740, 16.3804, 19.4922

Protanomaly

190.8640, 19.7870, 0.1193

Deuteranomaly

191.3980, 16.5658, 6.6670

Tritanomaly

191.9450, 6.9291, 17.5882

Monochromacy



Original Color

192.7740, 16.3804, 19.4922

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.6510, 6.0881, 7.3221

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7740, 16.3804, 19.4922 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, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 226)  
}
```

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, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 226) }
```

Border

The CSS property to change the border of an element to YUV 192.7740, 16.3804, 19.4922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

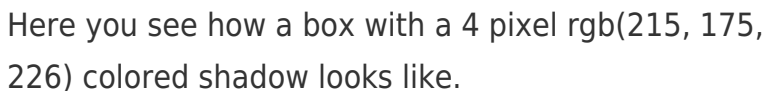
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 175, 226) }
```


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

```
.border{ border-color:rgb(215, 175, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 175, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 175, 226); box-shadow:4px 4px 4px 4px rgb(215, 175, 226) }
```

Background

The CSS property to change the background color of an element to YUV 192.7740, 16.3804, 19.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 226) }
```

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

```
.background{ background-color: rgb(215,  
175, 226) }
```

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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