

Converting Colors

YUV(166.2450, 22.0642,
16.4481)

Have a look what the booklet for
YUV(166.2450, 22.0642, 16.4481)
contains.

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Color

**YUV(166.2450, 22.0642,
16.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	B994D3
RGB	185, 148, 211
RGB Percent	73%, 58%, 83%
CMY	0.2745, 0.4196, 0.1725
CMYK	0.12, 0.30, 0.00, 0.17
HSL	275°, 42%, 70%
HSV	275°, 30%, 83%
XYZ	42.3554, 36.1972, 66.3824
YIQ	166.2450, 1.8290, 27.4370

Conversions

Conversions Part 2

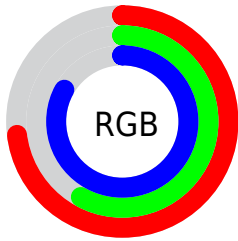
Format	Color
RYB	185, 148, 211
Decimal	12162259
CIELab	66.67, 25.57, -27.05
CIELCh	67, 37.225, 313.388
Yxy	36.1972, 0.2922, 0.2497
Android (android.graphics.Color)	4290352339 (0xFFB994D3)
YUV	166.2450, 22.0642, 16.4481
Hunter-Lab	60.1641, 20.3762, -23.3030

Details

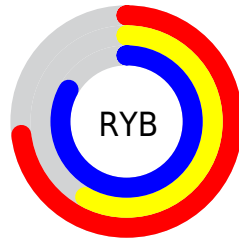
The YUV color **166.2450, 22.0642, 16.4481** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.7550, -22.0642, -16.4481**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0020, 17.2540, 19.2922**, and **113.8920, 20.7592, 15.0037** is the 20% darker color. If you saturate the color by 10%, you get **151.2270, 29.4681, 21.7259**, and if you desaturate by 10%, it is **181.2630, 14.6603, 11.1703**.

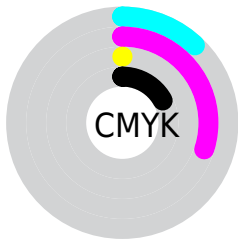
Distribution



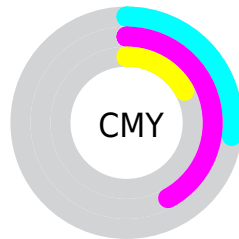
- Red (73%)
- Green (58%)
- Blue (83%)



- Red (73%)
- Yellow (58%)
- Blue (83%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2450, 22.0642, 16.4481 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 166.2450, 22.0642, 16.4481 by changing the saturation by 10% instead.

■ 166.2450, 22.0642,
16.4481

■ 166.2450, 22.0642,
16.4481

255.0000, 0.0000,
0.0000

■ 139.7180, 21.3380,
16.0333

■ 220.0020, 17.2540,
19.2922

■ 113.8920, 20.7592,
15.0037

■ 240.9120, 6.9454,
12.3552

■ 89.0660, 20.1805,
13.9741

■ 65.2400, 19.6017,
12.9445

■ 41.7130, 18.8755,
12.5297

■ 19.8870, 18.2967,
11.5001

■ 4.8870, 14.8457,

-1.6549

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 166.2450, 22.0642,
16.4481

■ 166.2450, 22.0642,
16.4481

■ 151.2270, 29.4681,
21.7259

■ 181.2630, 14.6603,
11.1703

■ 136.5080, 36.7246,
27.6185

■ 195.9820, 7.4039,
5.2778

■ 121.4900, 44.1284,
32.8963

■ 211.0000, 0.0000,
0.0000

■ 106.4720, 51.5323,
38.1741

■ 226.0180, -7.4039,
-5.2778

91.4540, 58.9362,
43.4518

241.6230,
-15.0971, -11.0704

76.1480, 66.4820,
49.8592

244.6020,
-16.5658, -6.6670

61.1300, 73.8859,
55.1370

247.2930,
-17.8924, -1.1340

249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



161.0600, 32.5084, -20.2236



166.2450, 22.0642, 16.4481



166.3380, 7.7214, 43.5536

Triad

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



166.2450, 22.0642, 16.4481



161.3700, -31.2414, 33.8785



136.4880, 19.4794, -88.1280

Complementary

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



166.2450, 22.0642, 16.4481



192.7550, -22.0642, -16.4481

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.



147.8720, -2.8949, -51.6307



166.2450, 22.0642, 16.4481



158.3300, -30.7287, 9.3576

Square

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



166.2450, 22.0642, 16.4481



163.4720, -22.4177, 50.4521



154.3740, -20.8904, -19.6220



128.9810, 38.4634, -110.4853

Rectangle

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



166.2450, 22.0642, 16.4481



165.6460, -2.7835, 52.9305



154.3740, -20.8904, -19.6220



141.2140, 11.7265, -74.7327

Sweetspot

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



166.2450, 22.0642, 16.4481



238.8080, 7.9827, 6.3074



170.4440, 19.9941, -19.6834



117.4010, 5.2253, 4.0333



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.



166.2450, 22.0642, 16.4481



189.6340, 32.2254, 24.0000



173.4490, 16.0476, 32.9322



97.0480, 3.9203, 2.5889



48.7530, 58.7888, 44.0666



11.8500, 14.3709, 10.6555

Inverse Universe

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



169.8010, 2.0701, 36.1315



194.8400, 3.0369, 52.7603



185.5510, -16.0476, -32.9322



97.7450, 0.1257, 6.3626



58.0980, 5.3747, 96.3841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 166.2450, 22.0642, 16.4481 looks on a white background.

Color Contrast Check

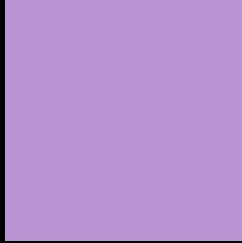
Large Text (above 18pt) WCAG AA × Fail

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 166.2450, 22.0642, 16.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

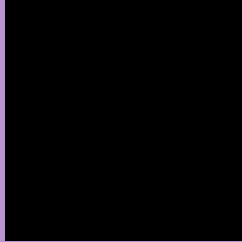
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2450, 22.0642, 16.4481

Background



This preview shows how black text looks on a background with the YUV color 166.2450, 22.0642, 16.4481.



This preview shows how white text looks on a background with the YUV color 166.2450, 22.0642, 16.4481.

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

166.2450, 22.0642, 16.4481

Protanopia

162.3550, 28.4190, -15.2203

Deuteranopia

163.2050, 22.5769, -8.0728



Tritanopia

163.9460, 1.9986, 12.3254

Trichromacy



Original Color

166.2450, 22.0642, 16.4481

Protanomaly

164.1500, 26.0551, -3.6395

Deuteranomaly

164.2600, 22.5498, 0.6490

Tritanomaly

164.9060, 9.4133, 14.1144

Monochromacy



Original Color

166.2450, 22.0642, 16.4481

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8080, 7.9827, 6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2450, 22.0642, 16.4481 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(185, 148, 211)` looks like.

```
.text, #text, p{  
    color:rgb(185, 148, 211)  
}
```

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(185, 148, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 148, 211) }
```

Border

The CSS property to change the border of an element to YUV 166.2450, 22.0642, 16.4481 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(185, 148, 211) }
```


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

```
.border{ border-color:rgb(185, 148, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 148, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 148, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 148, 211);  
box-shadow:4px 4px 4px 4px rgb(185, 148,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 166.2450, 22.0642, 16.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 148, 211) }
```

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

```
.background{ background-color: rgb(185,  
148, 211) }
```

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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