

Converting Colors

YUV(168.9700, 22.6928,
48.2613)

Have a look what the booklet for
YUV(168.9700, 22.6928, 48.2613)
contains.

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Color

**YUV(168.9700, 22.6928,
48.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	E084D7
RGB	224, 132, 215
RGB Percent	88%, 52%, 84%
CMY	0.1216, 0.4824, 0.1569
CMYK	0.00, 0.41, 0.04, 0.12
HSL	306°, 60%, 70%
HSV	306°, 41%, 88%
XYZ	51.2575, 37.2561, 68.7796
YIQ	168.9700, 28.1890, 45.3170

Conversions

Conversions Part 2

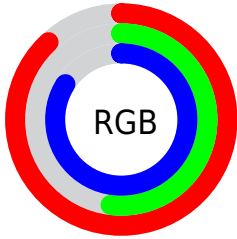
Format	Color
RYB	224, 132, 215
Decimal	14714071
CIELab	67.47, 47.20, -27.69
CIElCh	67, 54.728, 329.601
Yxy	37.2561, 0.3259, 0.2369
Android (android.graphics.Color)	4292904151 (0xFFE084D7)
YUV	168.9700, 22.6928, 48.2613
Hunter-Lab	61.0378, 43.0821, -24.0836

Details

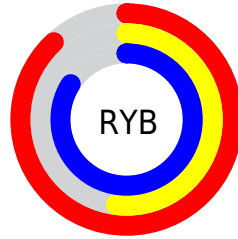
The YUV color **168.9700, 22.6928, 48.2613** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **187.0300, -22.6928, -48.2613**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0840, 19.6786, 35.0063**, and **114.5460, 22.4088, 46.0022** is the 20% darker color. If you saturate the color by 10%, you get **155.8280, 28.1858, 59.7868**, and if you desaturate by 10%, it is **182.1120, 17.1998, 36.7358**.

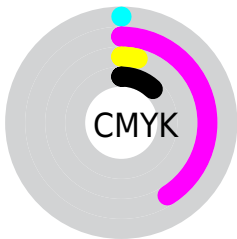
Distribution



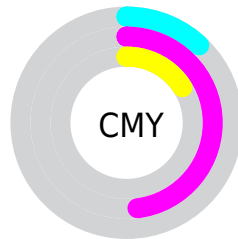
- Red (88%)
- Green (52%)
- Blue (84%)



- Red (88%)
- Yellow (52%)
- Blue (84%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (12%)





- Cyan (12%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9700, 22.6928, 48.2613 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 168.9700, 22.6928, 48.2613 by changing the saturation by 10% instead.

 168.9700, 22.6928,
48.2613


 168.9700, 22.6928,
48.2613

255.0000, 0.0000,
0.0000

 141.2580, 22.5508,
47.1317


 215.0840, 19.6786,
35.0063


 114.5460, 22.4088,
46.0022


 231.5200, 11.5756,
20.5920

 87.9480, 22.7036,
44.7726

 248.5430, 3.1833,
5.6628

 60.7740, 23.2824,
45.8022

 35.2900, 24.0140,
44.4727

 25.0790, 17.2161,
31.5027

 15.6940, 10.9969,

19.5624

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 168.9700, 22.6928,
48.2613

■ 168.9700, 22.6928,
48.2613

■ 155.8280, 28.1858,
59.7868

■ 182.1120, 17.1998,
36.7358

■ 142.0990, 33.9682,
71.8272

■ 195.8410, 11.4174,
24.6954

■ 128.8430, 39.0244,
83.4527

■ 209.0970, 6.3612,
13.0699

■ 115.1140, 44.8068,
95.4930

■ 222.8260, 0.5788,
1.0296

101.9720, 50.2998,
107.0186

235.9680, -4.9142,
-10.4959

90.0040, 55.2140,
117.5145

242.6530, -7.2239,
-16.3587

242.8810, -6.3503,
-16.5586

243.2230, -5.0399,
-16.8586

243.4510, -4.1663,
-17.0585

Harmonies

Analogous

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



167.0590, 40.8899, -1.8057



168.9700, 22.6928, 48.2613



165.7120, 0.6350, 76.5516

Triad

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



168.9700, 22.6928, 48.2613



159.0540, -48.8336, 29.7706



134.5240, 38.1957, -117.9775

Complementary

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



168.9700, 22.6928, 48.2613



187.0300, -22.6928, -48.2613

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.



129.4110, 16.0664, -113.4934



168.9700, 22.6928, 48.2613



154.5050, -39.6890, -10.0899

Square

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



168.9700, 22.6928, 48.2613



162.0160, -40.9269, 60.4990



144.3860, -15.9663, -59.0975



135.2200, 56.0935, -118.5879

Rectangle

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



168.9700, 22.6928, 48.2613



163.7220, -14.6529, 80.0508



144.3860, -15.9663, -59.0975



133.2870, 30.9175, -116.8927

Sweetspot

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



168.9700, 22.6928, 48.2613



236.4610, 7.6607, 16.2587



144.8800, 39.0062, -4.2798



117.2060, 4.3354, 9.4663



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.



168.9700, 22.6928, 48.2613



180.2570, 30.9323, 65.5496



163.8400, 3.0369, 52.7603



105.4290, 2.7465, 5.7628



70.7500, 43.5072, 92.3042



19.3680, 12.1436, 25.1103

Inverse Universe

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



168.9700, 22.6928, 48.2613



180.2570, 30.9323, 65.5496



192.1600, -3.0369, -52.7603



105.4290, 2.7465, 5.7628



70.7500, 43.5072, 92.3042



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 168.9700, 22.6928, 48.2613 looks on a white background.

Color Contrast Check

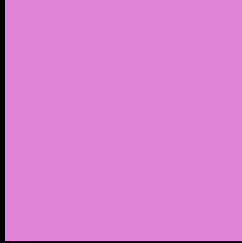
Large Text (above 18pt) WCAG AA × Fail

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 168.9700, 22.6928, 48.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

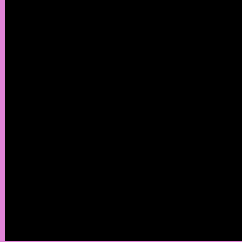
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.9700, 22.6928, 48.2613

Background



This preview shows how black text looks on a background with the YUV color 168.9700, 22.6928, 48.2613.



This preview shows how white text looks on a background with the YUV color 168.9700, 22.6928,

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

168.9700, 22.6928, 48.2613

Protanopia

164.0860, 36.4396, -21.1234

Deuteranopia

165.9770, 21.7033, -7.8728



Tritanopia

167.7820, -5.8085, 43.1642

Trichromacy



Original Color

168.9700, 22.6928, 48.2613



Protanomaly

165.9860, 31.5589, 4.3973



Deuteranomaly

166.9240, 22.2225, 12.3447



Tritanomaly

168.1380, 4.3690, 45.4830

Monochromacy



Original Color

168.9700, 22.6928, 48.2613



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.2870, 8.2395, 17.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9700, 22.6928, 48.2613 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(224, 132, 215)` looks like.

```
.text, #text, p{  
    color:rgb(224, 132, 215)  
}
```

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(224, 132, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 132, 215) }
```

Border

The CSS property to change the border of an element to YUV 168.9700, 22.6928, 48.2613 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(224, 132, 215) }
```


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

```
.border{ border-color:rgb(224, 132, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 132, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 132, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 132, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 132,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 168.9700, 22.6928, 48.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 132, 215) }
```

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

```
.background{ background-color: rgb(224,  
132, 215) }
```

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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