

Converting Colors

YUV(168.8700, 10.9101,
47.4720)

Have a look what the booklet for
YUV(168.8700, 10.9101, 47.4720)
contains.

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Color

**YUV(168.8700, 10.9101,
47.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	DF89BF
RGB	223, 137, 191
RGB Percent	87%, 54%, 75%
CMY	0.1255, 0.4627, 0.2510
CMYK	0.00, 0.39, 0.14, 0.13
HSL	322°, 57%, 71%
HSV	322°, 39%, 87%
XYZ	48.7811, 37.3409, 53.9267
YIQ	168.8700, 33.9220, 35.0260

Conversions

Conversions Part 2

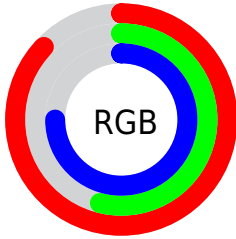
Format	Color
R_{YB}	223, 137, 191
Decimal	14649791
CIE _{Lab}	67.53, 40.27, -14.22
CIE _{LCh}	68, 42.705, 340.554
Yxy	37.3409, 0.3483, 0.2666
Android (android.graphics.Color)	4292839871 (0xFFDF89BF)
YUV	168.8700, 10.9101, 47.4720
Hunter-Lab	61.1072, 35.5566, -9.5480

Details

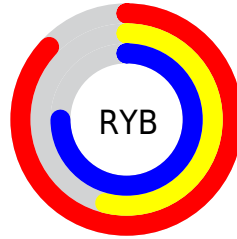
The YUV color **168.8700, 10.9101, 47.4720** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.1300, -10.9101, -47.4720**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1070, 14.7372, 33.2322**, and **115.2610, 11.2103, 44.4981** is the 20% darker color. If you saturate the color by 10%, you get **155.0440, 13.7823, 59.5974**, and if you desaturate by 10%, it is **182.6960, 8.0379, 35.3466**.

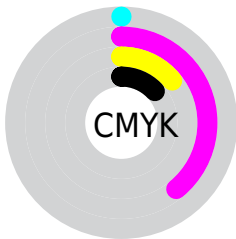
Distribution



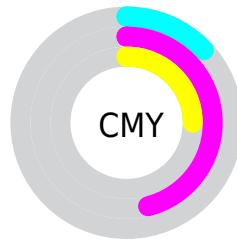
- Red (87%)
- Green (54%)
- Blue (75%)



- Red (87%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8700, 10.9101, 47.4720 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 168.8700, 10.9101, 47.4720 by changing the saturation by 10% instead.

168.8700, 10.9101,
47.4720

168.8700, 10.9101,
47.4720

255.0000, 0.0000,
0.0000

141.8590, 10.9155,
45.7277

217.1070, 14.7372,
33.2322

115.2610, 11.2103,
44.4981

234.4550, 10.1287,
18.0180

89.5490, 11.0683,
43.3685

251.4780, 1.7363,
3.0888

63.4780, 12.0893,
42.5538

34.7710, 14.4099,
44.9278

23.0270, 9.3537,
33.3023

14.1690, 3.8607,

21.7768

■ 0.0000, 0.0000,
0.0000

■ 168.8700, 10.9101,
47.4720

■ 168.8700, 10.9101,
47.4720

■ 155.0440, 13.7823,
59.5974

■ 182.6960, 8.0379,
35.3466

■ 140.5170, 16.5071,
72.3376

■ 197.2230, 5.3131,
22.6064

■ 126.6910, 19.3793,
84.4630

■ 211.0490, 2.4408,
10.4810

■ 112.8650, 22.2516,
96.5884

■ 224.8750, -0.4314,
-1.6444

■ 98.4520, 25.4132,
109.2286

■ 239.2880, -3.5930,
-14.2846

■ 84.5120, 27.8486,
121.4540

■ 243.8360, -1.3981,
-18.2732

■ 82.6370, 28.2800,
123.0984

■ 244.7480, 2.0962,
-19.0730

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



168.4990, 26.8690, 15.3484



168.8700, 10.9101, 47.4720



166.5610, -7.1786, 62.6520

Triad

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



168.8700, 10.9101, 47.4720



160.2720, -36.1231, 12.9165



131.1160, 40.3688, -114.9887

Complementary

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



168.8700, 10.9101, 47.4720



191.1300, -10.9101, -47.4720

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.



128.7730, 23.7759, -112.9339



168.8700, 10.9101, 47.4720



155.5220, -25.4003, -19.7518

Square

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



168.8700, 10.9101, 47.4720



163.0890, -35.0469, 41.1409



147.6710, -4.7678, -57.5935



141.2900, 46.6920, -89.7083

Rectangle

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



168.8700, 10.9101, 47.4720



165.4610, -18.9613, 61.8627



147.6710, -4.7678, -57.5935



131.0360, 34.9853, -114.9186

Sweetspot

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



168.8700, 10.9101, 47.4720



235.5490, 4.1663, 17.0585



156.3720, 32.8476, 11.0748



116.6360, 2.1515, 9.9662



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.



168.8700, 10.9101, 47.4720



181.3050, 14.6396, 64.6305



163.9680, -7.8722, 51.7711



105.0870, 1.4361, 6.0627



65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Inverse Universe

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



168.8700, 10.9101, 47.4720



181.3050, 14.6396, 64.6305



196.0320, 7.8722, -51.7711



105.0870, 1.4361, 6.0627



65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 168.8700, 10.9101, 47.4720 looks on a white background.

Color Contrast Check

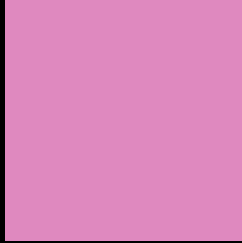
Large Text (above 18pt) WCAG AA × Fail

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 168.8700, 10.9101, 47.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

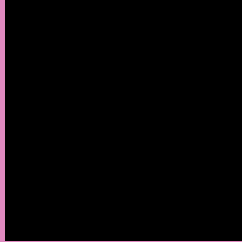
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.8700, 10.9101, 47.4720

Background



This preview shows how black text looks on a background with the YUV color 168.8700, 10.9101, 47.4720.



This preview shows how white text looks on a background with the YUV color 168.8700, 10.9101,

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

168.8700, 10.9101, 47.4720

Protanopia

165.2540, 21.5668, -10.7468

Deuteranopia

166.9540, 9.8827, 3.5483



Tritanopia

167.6790, -6.2507, 45.0085

Trichromacy



Original Color

168.8700, 10.9101, 47.4720



Protanomaly

166.6480, 17.4285, 9.9557



Deuteranomaly

167.4660, 10.1233, 19.7623



Tritanomaly

167.6990, 0.1484, 45.8680

Monochromacy



Original Color

168.8700, 10.9101, 47.4720



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.8480, 4.0189, 17.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8700, 10.9101, 47.4720 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(223, 137, 191)` looks like.

```
.text, #text, p{  
    color:rgb(223, 137, 191)  
}
```

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(223, 137, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 137, 191) }
```

Border

The CSS property to change the border of an element to YUV 168.8700, 10.9101, 47.4720 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(223, 137, 191) }
```


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

```
.border{ border-color:rgb(223, 137, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 137, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 137, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 137, 191);  
box-shadow:4px 4px 4px 4px rgb(223, 137,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 168.8700, 10.9101, 47.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 137, 191) }
```

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

```
.background{ background-color: rgb(223,  
137, 191) }
```

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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