

Converting Colors

YUV(184.8720, 17.8111,
27.2993)

Have a look what the booklet for
YUV(184.8720, 17.8111, 27.2993)
contains.

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Color

**YUV(184.8720, 17.8111,
27.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A2DD
RGB	216, 162, 221
RGB Percent	85%, 64%, 87%
CMY	0.1529, 0.3647, 0.1333
CMYK	0.02, 0.27, 0.00, 0.13
HSL	295°, 46%, 75%
HSV	295°, 27%, 87%
XYZ	54.2904, 45.6600, 74.3585
YIQ	184.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

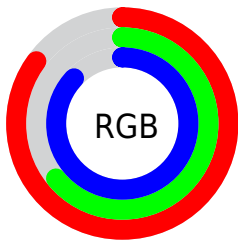
Format	Color
R _Y B	216, 162, 221
Decimal	14197469
CIE Lab	73.32, 29.84, -22.12
CIE LCh	73, 37.141, 323.453
Yxy	45.6600, 0.3115, 0.2619
Android (android.graphics.Color)	4292387549 (0xFFD8A2DD)
YUV	184.8720, 17.8111, 27.2993
Hunter-Lab	67.5722, 25.1631, -17.9439

Details

The YUV color **184.8720, 17.8111, 27.2993** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.1280, -17.8111, -27.2993**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **131.3340, 17.0903, 25.1401** is the 20% darker color. If you saturate the color by 10%, you get **171.3600, 24.4725, 37.3953**, and if you desaturate by 10%, it is **198.3840, 11.1497, 17.2032**.

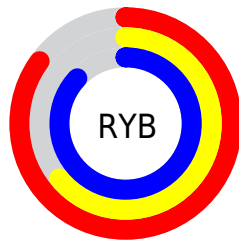
Distribution



Red (85%)

Green (64%)

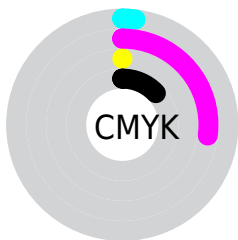
Blue (87%)



Red (85%)

Yellow (64%)

Blue (87%)

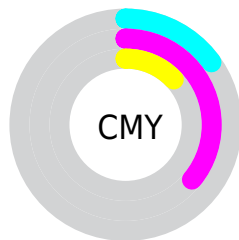


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (15%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8720, 17.8111, 27.2993 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 184.8720, 17.8111, 27.2993 by changing the saturation by 10% instead.

 184.8720, 17.8111,
27.2993


 184.8720, 17.8111,
27.2993


255.0000, 0.0000,
0.0000


 157.4590, 17.5217,
26.7845


 232.6940, 10.9969,
19.5624


 131.3340, 17.0903,
25.1401

 249.7170, 2.6045,
4.6332

 105.8070, 16.3641,
24.7253

 81.0950, 16.2222,
23.5957

 56.6820, 15.9328,
23.0809

 33.2690, 15.6434,
22.5661

 15.9650, 13.3283,

18.4477

■ 2.5080, 9.6096,
-2.1995

■ 0.0000, 0.0000,
0.0000

■ 184.8720, 17.8111,
27.2993

■ 184.8720, 17.8111,
27.2993

■ 171.3600, 24.4725,
37.3953

■ 198.3840, 11.1497,
17.2032

■ 157.8480, 31.1339,
47.4913

■ 211.8960, 4.4883,
7.1072

■ 144.3360, 37.7954,
57.5873

■ 225.4080, -2.1731,
-2.9888

■ 131.1230, 44.3094,
68.2981

■ 238.6210, -8.6872,
-13.6996

■ 117.0240, 51.2602,
78.9090

■ 242.1540,
-10.4289, -15.0441

■ 103.5120, 57.9216,
89.0050

■ 242.7520,
-10.7237, -13.8145

■ 90.0000, 64.5830,
99.1010

■ 243.3500,
-11.0186, -12.5850

■ 85.5920, 66.7561,
102.0898

■ 243.9480,
-11.3134, -11.3554

■ 244.5460,
-11.6082, -10.1258

Harmonies

Analogous

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



181.7520, 29.7023, -6.7985



184.8720, 17.8111, 27.2993



184.5900, 2.1741, 49.4716

Triad

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



184.8720, 17.8111, 27.2993



178.2830, -32.6775, 27.8158



155.8560, 24.7210, -89.3277

Complementary

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



184.8720, 17.8111, 27.2993



198.1280, -17.8111, -27.2993

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.



163.5270, 3.6842, -61.8522



184.8720, 17.8111, 27.2993



175.1440, -28.6650, 0.7507

Square

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



184.8720, 17.8111, 27.2993



181.0110, -26.6274, 47.3484



170.2740, -15.9111, -30.0583



160.2880, 36.3400, -82.6906

Rectangle

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



184.8720, 17.8111, 27.2993



183.1750, -8.4673, 55.9745



170.2740, -15.9111, -30.0583



157.8910, 18.2947, -81.4654

Sweetspot

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



184.8720, 17.8111, 27.2993



242.6620, 6.0826, 9.0664



172.2480, 24.0347, -8.9875



119.7710, 4.0569, 5.4628



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.



184.8720, 17.8111, 27.2993



204.7730, 24.7619, 37.9101



183.6310, 6.5909, 32.7726



103.2440, 3.3307, 5.0480



67.2630, 52.1283, 80.4533



17.8020, 13.9016, 21.2216

Inverse Universe

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



180.2110, -6.5130, 35.7720



198.3160, -9.0298, 49.7119



199.3690, -6.5909, -32.7726



102.4030, -1.1847, 6.6626



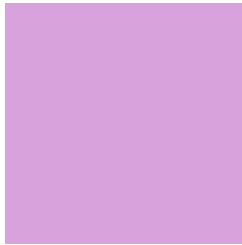
53.4370, -18.9494, 104.8568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 184.8720, 17.8111, 27.2993 looks on a white background.

Color Contrast Check

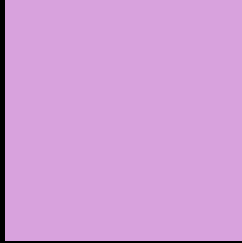
Large Text (above 18pt) WCAG AA × Fail

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 184.8720, 17.8111, 27.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

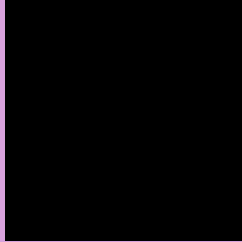
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.8720, 17.8111, 27.2993

Background



This preview shows how black text looks on a background with the YUV color 184.8720, 17.8111, 27.2993.



This preview shows how white text looks on a background with the YUV color 184.8720, 17.8111, 27.2993.

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

184.8720, 17.8111, 27.2993

Protanopia

180.6820, 25.7928, -12.8761

Deuteranopia

181.6850, 17.9033, -2.3547



Tritanopia

183.0400, -0.5127, 24.5209

Trichromacy



Original Color

184.8720, 17.8111, 27.2993



Protanomaly

182.0860, 23.1286, 1.6786



Deuteranomaly

182.7510, 17.8708, 8.1114



Tritanomaly

183.4730, 6.1758, 25.8952

Monochromacy



Original Color

184.8720, 17.8111, 27.2993



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8720, 17.8111, 27.2993 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(216, 162, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 162, 221)  
}
```

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(216, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 162, 221) }
```

Border

The CSS property to change the border of an element to YUV 184.8720, 17.8111, 27.2993 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(216, 162, 221) }
```


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

```
.border{ border-color:rgb(216, 162, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 162, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 162, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 162, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 162,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 184.8720, 17.8111, 27.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 162, 221) }
```

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

```
.background{ background-color: rgb(216,  
162, 221) }
```

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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