

Converting Colors

YUV(189.1280, 16.2059,
28.8287)

Have a look what the booklet for
YUV(189.1280, 16.2059, 28.8287)
contains.

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Color

**YUV(189.1280, 16.2059,
28.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA6DE
RGB	222, 166, 222
RGB Percent	87%, 65%, 87%
CMY	0.1294, 0.3490, 0.1294
CMYK	0.00, 0.25, 0.00, 0.13
HSL	300°, 46%, 76%
HSV	300°, 25%, 87%
XYZ	56.9452, 48.0760, 75.3855
YIQ	189.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

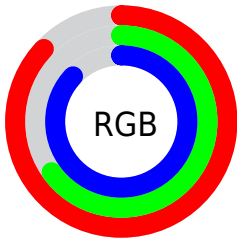
Format	Color
R _Y B	222, 166, 222
Decimal	14591710
CIE Lab	74.87, 29.82, -20.25
CIE LCh	75, 36.047, 325.813
Yxy	48.0760, 0.3156, 0.2665
Android (android.graphics.Color)	4292781790 (0xFFDEA6DE)
YUV	189.1280, 16.2059, 28.8287
Hunter-Lab	69.3368, 25.2598, -15.9264

Details

The YUV color **189.1280, 16.2059, 28.8287** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.8720, -16.2059, -28.8287**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6290, 9.5499, 16.9884**, and **135.0030, 15.7745, 27.1844** is the 20% darker color. If you saturate the color by 10%, you get **176.2140, 22.5725, 40.1543**, and if you desaturate by 10%, it is **202.0420, 9.8393, 17.5032**.

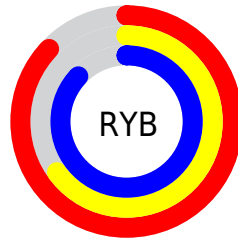
Distribution



Red (87%)

Green (65%)

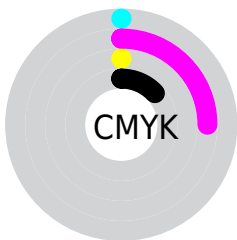
Blue (87%)



Red (87%)

Yellow (65%)

Blue (87%)

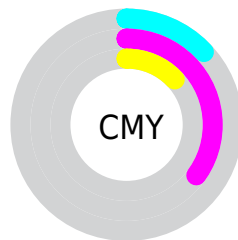


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.1280, 16.2059, 28.8287 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 189.1280, 16.2059, 28.8287 by changing the saturation by 10% instead.


 189.1280, 16.2059,
28.8287


 189.1280, 16.2059,
28.8287


255.0000, 0.0000,
0.0000

 161.7150, 15.9165,
28.3139


 235.6290, 9.5499,
16.9884


 135.0030, 15.7745,
27.1844

 252.0650, 1.4470,
2.5740

 109.1770, 15.1957,
26.1548

 84.4650, 15.0538,
25.0252

 60.6390, 14.4750,
23.9956

 36.6390, 14.4750,
23.9956

 17.2750, 13.1754,

20.8068

■ 4.7150, 9.0145,
2.0039

■ 0.0000, 0.0000,
0.0000

■ 189.1280, 16.2059,
28.8287

■ 189.1280, 16.2059,
28.8287

■ 176.2140, 22.5725,
40.1543

■ 202.0420, 9.8393,
17.5032

■ 163.3000, 28.9391,
51.4799

■ 214.9560, 3.4727,
6.1776

■ 149.7990, 35.5951,
63.3203

■ 228.4570, -3.1833,
-5.6628

■ 136.8850, 41.9617,
74.6459

■ 241.3710, -9.5499,
-16.9884

■ 123.9710, 48.3283,
85.9714

■ 111.0570, 54.6949,
97.2970

■ 98.1430, 61.0615,
108.6226

■ 91.6860, 64.2448,
114.2854

Harmonies

Analogous

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



186.1330, 28.5284, -3.6246



189.1280, 16.2059, 28.8287



188.2480, 0.8637, 49.7715

Triad

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



189.1280, 16.2059, 28.8287



182.7880, -31.9405, 24.7419



162.7750, 24.2679, -83.9947

Complementary

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



189.1280, 16.2059, 28.8287



198.8720, -16.2059, -28.8287

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.



168.1680, 4.8472, -61.5373



189.1280, 16.2059, 28.8287



179.1760, -27.2018, -1.9084

Square

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



189.1280, 16.2059, 28.8287



185.0000, -26.6220, 45.6040



174.4310, -14.0165, -31.0730



167.2890, 34.8605, -74.7985

Rectangle

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



189.1280, 16.2059, 28.8287



187.2350, -9.4829, 55.0449



174.4310, -14.0165, -31.0730



163.6140, 18.4313, -78.5915

Sweetspot

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



189.1280, 16.2059, 28.8287



243.2600, 5.7878, 10.2960



172.3840, 24.4607, -5.5988



120.3690, 3.7621, 6.6924



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.



189.1280, 16.2059, 28.8287



210.3880, 21.9937, 39.1247



185.9360, 3.9756, 31.6281



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



189.1280, 16.2059, 28.8287



210.3880, 21.9937, 39.1247



202.0640, -3.9756, -31.6281



105.5430, 3.1833, 5.6628



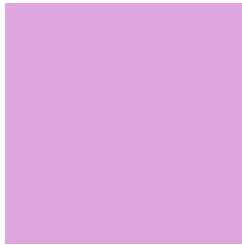
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 189.1280, 16.2059, 28.8287 looks on a white background.

Color Contrast Check

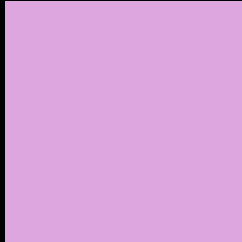
Large Text (above 18pt) WCAG AA × Fail

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 189.1280, 16.2059, 28.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

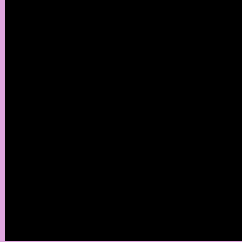
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.1280, 16.2059, 28.8287

Background



This preview shows how black text looks on a background with the YUV color 189.1280, 16.2059, 28.8287.



This preview shows how white text looks on a background with the YUV color 189.1280, 16.2059,

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

189.1280, 16.2059, 28.8287

Protanopia

185.5250, 23.8982, -11.8614

Deuteranopia

186.2400, 16.1507, -0.2105



Tritanopia

187.6380, -0.8075, 25.7505

Trichromacy



Original Color

189.1280, 16.2059, 28.8287

Protanomaly

186.9290, 21.2340, 2.6933

Deuteranomaly

187.3060, 16.1181, 10.2556

Tritanomaly

187.9570, 5.4442, 27.2247

Monochromacy



Original Color

189.1280, 16.2059, 28.8287

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1280, 16.2059, 28.8287 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(222, 166, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 166, 222)  
}
```

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(222, 166, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 166, 222) }
```

Border

The CSS property to change the border of an element to YUV 189.1280, 16.2059, 28.8287 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(222, 166, 222) }
```


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

```
.border{ border-color:rgb(222, 166, 222) }
```

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

Here you see how a box with a 4 pixel rgb(222, 166, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 166, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 166, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 166,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 189.1280, 16.2059, 28.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 166, 222) }
```

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

```
.background{ background-color: rgb(222,  
166, 222) }
```

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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