

Converting Colors

YUV(186.5840, 17.9531,
28.4288)

Have a look what the booklet for
YUV(186.5840, 17.9531, 28.4288)
contains.

YUV(186.5840, 17.9531, 28.4288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.5840, 17.9531,
28.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA3DF
RGB	219, 163, 223
RGB Percent	86%, 64%, 87%
CMY	0.1412, 0.3608, 0.1255
CMYK	0.02, 0.27, 0.00, 0.13
HSL	296°, 48%, 76%
HSV	296°, 27%, 87%
XYZ	55.6299, 46.5822, 75.8713
YIQ	186.5840, 14.1160, 30.5320

Conversions

Conversions Part 2

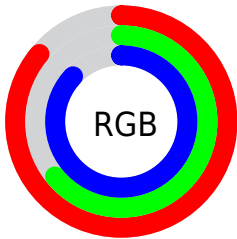
Format	Color
R _Y B	219, 163, 223
Decimal	14394335
CIE Lab	73.92, 30.65, -22.27
CIE LCh	74, 37.886, 323.991
Yxy	46.5822, 0.3124, 0.2616
Android (android.graphics.Color)	4292584415 (0xFFDBA3DF)
YUV	186.5840, 17.9531, 28.4288
Hunter-Lab	68.2511, 26.0517, -18.1339

Details

The YUV color **186.5840, 17.9531, 28.4288** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.4160, -17.9531, -28.4288**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **133.0460, 17.2323, 26.2697** is the 20% darker color. If you saturate the color by 10%, you get **173.3710, 24.4671, 39.1396**, and if you desaturate by 10%, it is **199.7970, 11.4391, 17.7180**.

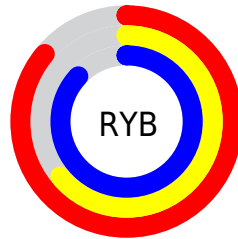
Distribution



Red (86%)

Green (64%)

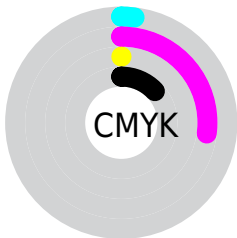
Blue (87%)



Red (86%)

Yellow (64%)

Blue (87%)

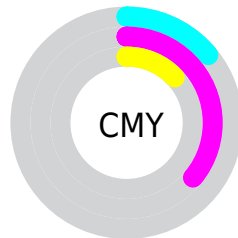


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.5840, 17.9531, 28.4288 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 186.5840, 17.9531, 28.4288 by changing the saturation by 10% instead.


 186.5840, 17.9531,
28.4288

 186.5840, 17.9531,
28.4288


255.0000, 0.0000,
0.0000


 159.1710, 17.6637,
27.9140


 233.2810, 10.7075,
19.0476


 133.0460, 17.2323,
26.2697

 250.3040, 2.3151,
4.1184

 107.2200, 16.6535,
25.2401

 81.8070, 16.3641,
24.7253

 58.0950, 16.2222,
23.5957

 34.0950, 16.2222,
23.5957

 16.7910, 13.9070,

19.4773

■ 2.6220, 10.0464,
-2.2995

■ 0.0000, 0.0000,
0.0000

■ 186.5840, 17.9531,
28.4288

■ 186.5840, 17.9531,
28.4288

■ 173.3710, 24.4671,
39.1396

■ 199.7970, 11.4391,
17.7180

■ 159.2720, 31.4179,
49.7505

■ 213.8960, 4.4883,
7.1072

■ 146.0590, 37.9319,
60.4613

■ 227.1090, -2.0257,
-3.6036

■ 132.5470, 44.5933,
70.5573

■ 240.6210, -8.6872,
-13.6996

■ 119.3340, 51.1073,
81.2681

■ 242.6810, -9.7027,
-14.6292

■ 105.2350, 58.0581,
91.8789

■ 243.2790, -9.9975,
-13.3997

■ 92.0220, 64.5722,
102.5897

■ 243.5780,
-10.1450, -12.7849

■ 87.6140, 66.7453,
105.5785

■ 244.1760,
-10.4398, -11.5554

■ 244.4750,
-10.5872, -10.9406

Harmonies

Analogous

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



183.2790, 30.4285, -6.3837



186.5840, 17.9531, 28.4288



185.6010, 2.1687, 51.2159

Triad

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



186.5840, 17.9531, 28.4288



179.7560, -33.4037, 27.4010



156.1760, 26.0422, -93.1164

Complementary

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



186.5840, 17.9531, 28.4288



199.4160, -17.9531, -28.4288

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.



164.3310, 4.2738, -64.3113



186.5840, 17.9531, 28.4288



176.3180, -29.2438, -0.2789

Square

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



186.5840, 17.9531, 28.4288



182.1960, -27.2116, 48.0631



171.6760, -15.6163, -31.2879



161.2060, 37.3664, -85.2497

Rectangle

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



186.5840, 17.9531, 28.4288



184.7730, -8.7621, 57.2041



171.6760, -15.6163, -31.2879



158.3960, 19.0318, -84.5393

Sweetspot

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



186.5840, 17.9531, 28.4288



242.9610, 5.9352, 9.6812



172.1880, 25.0503, -8.0579



120.0700, 3.9095, 6.0776



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.



186.5840, 17.9531, 28.4288



205.3710, 24.4671, 39.1396



184.8160, 6.0067, 33.4874



105.2440, 3.3307, 5.0480



69.1000, 52.7017, 83.2273



18.9270, 14.3330, 22.8660

Inverse Universe

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



181.3960, -7.0972, 36.4867



198.2020, -9.4666, 49.8118



201.1840, -6.0067, -33.4874



104.4030, -1.1847, 6.6626



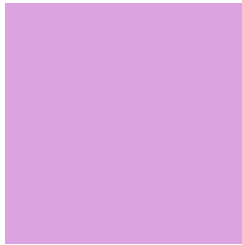
53.9920, -20.7021, 107.0010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 186.5840, 17.9531, 28.4288 looks on a white background.

Color Contrast Check

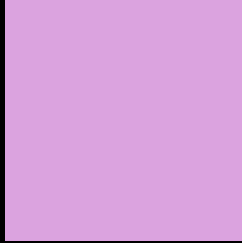
Large Text (above 18pt) WCAG AA × Fail

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 186.5840, 17.9531, 28.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

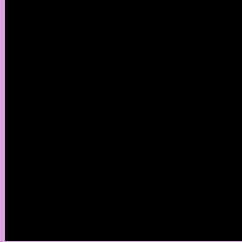
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5840, 17.9531, 28.4288

Background



This preview shows how black text looks on a background with the YUV color 186.5840, 17.9531, 28.4288.



This preview shows how white text looks on a background with the YUV color 186.5840, 17.9531, 28.4288.

28.4288.

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

186.5840, 17.9531, 28.4288

Protanopia

182.6820, 25.7928, -12.8761

Deuteranopia

183.6850, 17.9033, -2.3547



Tritanopia

184.4530, -0.2233, 25.0357

Trichromacy



Original Color

186.5840, 17.9531, 28.4288



Protanomaly

184.3850, 22.9812, 2.2934



Deuteranomaly

185.0500, 17.7233, 8.7261



Tritanomaly

184.8860, 6.4652, 26.4100

Monochromacy



Original Color

186.5840, 17.9531, 28.4288



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5840, 17.9531, 28.4288 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(219, 163, 223)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 223)  
}
```

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(219, 163, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 223) }
```

Border

The CSS property to change the border of an element to YUV 186.5840, 17.9531, 28.4288 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(219, 163, 223) }
```


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

```
.border{ border-color:rgb(219, 163, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 163, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 163, 223); box-shadow:4px 4px 4px 4px rgb(219, 163, 223) }
```

Background

The CSS property to change the background color of an element to YUV 186.5840, 17.9531, 28.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 223) }
```

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

```
.background{ background-color: rgb(219,  
163, 223) }
```

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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