

Converting Colors

YUV(186.4900, 23.9154,
29.3883)

Have a look what the booklet for
YUV(186.4900, 23.9154, 29.3883)
contains.

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Color

**YUV(186.4900, 23.9154,
29.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA0EB
RGB	220, 160, 235
RGB Percent	86%, 63%, 92%
CMY	0.1373, 0.3725, 0.0784
CMYK	0.06, 0.32, 0.00, 0.08
HSL	288°, 65%, 77%
HSV	288°, 32%, 92%
XYZ	57.0814, 46.3554, 84.5362
YIQ	186.4900, 11.6850, 36.0450

Conversions

Conversions Part 2

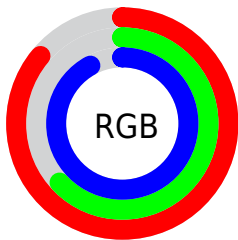
Format	Color
R_{YB}	220, 160, 235
Decimal	14459115
CIE _{Lab}	73.78, 34.88, -29.03
CIE _{LCh}	74, 45.385, 320.229
Yxy	46.3554, 0.3037, 0.2466
Android (android.graphics.Color)	4292649195 (0xFFDCA0EB)
YUV	186.4900, 23.9154, 29.3883
Hunter-Lab	68.0848, 30.5036, -25.9570

Details

The YUV color **186.4900, 23.9154, 29.3883** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.5100, -23.9154, -29.3883**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **132.8380, 22.7579, 27.3291** is the 20% darker color. If you saturate the color by 10%, you get **171.4940, 31.3085, 38.1548**, and if you desaturate by 10%, it is **201.4860, 16.5224, 20.6218**.

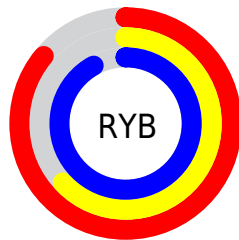
Distribution



Red (86%)

Green (63%)

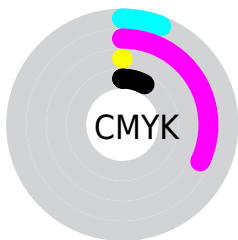
Blue (92%)



Red (86%)

Yellow (63%)

Blue (92%)

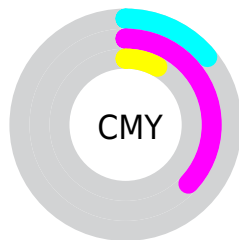


Cyan (6%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (14%)


Magenta (37%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4900, 23.9154, 29.3883 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 186.4900, 23.9154, 29.3883 by changing the saturation by 10% instead.


 186.4900, 23.9154,
29.3883

 186.4900, 23.9154,
29.3883


255.0000, 0.0000,
0.0000


 159.0770, 23.6260,
28.8735


 231.5200, 11.5756,
20.5920


 132.8380, 22.7579,
27.3291

 248.5430, 3.1833,
5.6628

 106.4250, 22.4685,
26.8143

 81.5990, 21.8897,
25.7847

 56.8870, 21.7477,
24.6551

 32.1860, 21.6003,
25.2699

 17.4040, 17.5488,

18.0627

■ 3.5340, 13.5407,
-3.0993

■ 0.3420, 1.3104,
-0.2999

■ 186.4900, 23.9154,
29.3883

■ 186.4900, 23.9154,
29.3883

■ 171.4940, 31.3085,
38.1548

■ 201.4860, 16.5224,
20.6218

■ 156.2100, 38.8435,
48.0508

■ 216.7700, 8.9874,
10.7257

■ 140.6270, 46.5259,
57.3321

■ 232.3530, 1.3050,
1.4444

■ 125.6310, 53.9189,
66.0986

■ 247.3490, -6.0881,
-7.3221

■ 110.3470, 61.4539,
75.9947

■ 249.1320, -6.9671,
-5.3778

■ 95.3510, 68.8470,
84.7612

■ 250.6270, -7.7041,
-2.3039

■ 83.0020, 74.9350,
92.0832

■ 252.1220, -8.4411,
0.7700

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



181.7170, 36.1285, -14.6608



186.4900, 23.9154, 29.3883



185.5680, 5.6360, 59.1379

Triad

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



186.4900, 23.9154, 29.3883



178.7910, -39.8300, 35.2633



142.9870, 32.5444, -125.3996

Complementary

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



186.4900, 23.9154, 29.3883



208.5100, -23.9154, -29.3883

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.



158.1290, 3.8804, -78.1661



186.4900, 23.9154, 29.3883



175.3910, -36.6748, 3.1651

Square

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



186.4900, 23.9154, 29.3883



181.3500, -30.7385, 59.3291



169.1720, -21.2838, -33.4768



144.6290, 48.9899, -126.8396

Rectangle

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



186.4900, 23.9154, 29.3883



182.2730, -7.0366, 63.7816



169.1720, -21.2838, -33.4768



141.3910, 26.4292, -123.9999

Sweetspot

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



186.4900, 23.9154, 29.3883



238.8300, 7.9718, 9.7961



177.3550, 28.4190, -15.2203



117.4120, 5.2199, 5.7777



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.



186.4900, 23.9154, 29.3883



192.3800, 30.8717, 38.2547



188.3530, 11.6580, 40.9094



109.9450, 3.4781, 4.4332



63.9890, 57.6864, 71.0466



19.0130, 17.2486, 21.0366

Inverse Universe

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



184.1350, -4.5036, 44.6086



189.1690, -5.9993, 57.7338



206.6470, -11.6580, -40.9094



109.5170, -0.7479, 6.5626



58.2230, -10.9559, 107.6754



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 186.4900, 23.9154, 29.3883 looks on a white background.

Color Contrast Check

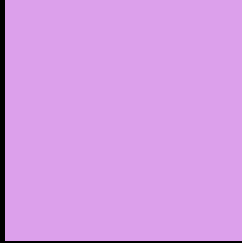
Large Text (above 18pt) WCAG AA × Fail

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 186.4900, 23.9154, 29.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

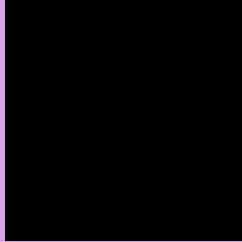
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.4900, 23.9154, 29.3883

Background



This preview shows how black text looks on a background with the YUV color 186.4900, 23.9154, 29.3883.



This preview shows how white text looks on a background with the YUV color 186.4900, 23.9154,

29.3883.

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

186.4900, 23.9154, 29.3883

Protanopia

181.5980, 33.2292, -18.0644

Deuteranopia

182.6610, 24.3241, -8.4727



Tritanopia

184.3390, -0.6601, 25.1357

Trichromacy



Original Color

186.4900, 23.9154, 29.3883



Protanomaly

183.1980, 29.9754, -1.0506



Deuteranomaly

183.7490, 24.2807, 5.4821



Tritanomaly

185.0540, 8.3544, 27.1396

Monochromacy



Original Color

186.4900, 23.9154, 29.3883



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.3570, 8.6980, 10.2109

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4900, 23.9154, 29.3883 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(220, 160, 235)` looks like.

```
.text, #text, p{  
    color:rgb(220, 160, 235)  
}
```

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(220, 160, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 160, 235) }
```

Border

The CSS property to change the border of an element to YUV 186.4900, 23.9154, 29.3883 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(220, 160, 235) }
```


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

```
.border{ border-color:rgb(220, 160, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 160, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 160, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 160, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 160,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 186.4900, 23.9154, 29.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 160, 235) }
```

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

```
.background{ background-color: rgb(220,  
160, 235) }
```

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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