

# Converting Colors

YUV(183.2420, 16.6427,  
28.7288)

Have a look what the booklet for  
YUV(183.2420, 16.6427, 28.7288)  
contains.

<b>YUV(183.2420, 16.6427, 28.7288)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(183.2420, 16.6427,  
28.7288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8A0D9
RGB	216, 160, 217
RGB Percent	85%, 63%, 85%
CMY	0.1529, 0.3725, 0.1490
CMYK	0.00, 0.26, 0.00, 0.15
HSL	299°, 43%, 74%
HSV	299°, 26%, 85%
XYZ	53.4141, 44.7503, 71.4681
YIQ	183.2420, 15.0790, 29.5990

# Conversions

## Conversions Part 2

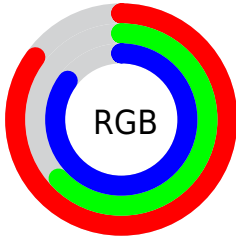
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 160, 217
Decimal	14196953
CIE Lab	72.73, 30.17, -20.83
CIE LCh	73, 36.663, 325.370
Yxy	44.7503, 0.3149, 0.2638
Android (android.graphics.Color)	4292387033 (0xFFD8A0D9)
YUV	183.2420, 16.6427, 28.7288
Hunter-Lab	66.8957, 25.4593, -16.5156

# Details

The YUV color  $183.2420, 16.6427, 28.7288$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $193.7580, -16.6427, -28.7288$ , and the grayscale version is  $183.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $231.5200, 11.5756, 20.5920$ , and  $129.7040, 15.9219, 26.5696$  is the 20% darker color. If you saturate the color by 10%, you get  $170.3280, 23.0093, 40.0543$ , and if you desaturate by 10%, it is  $196.1560, 10.2761, 17.4032$ .

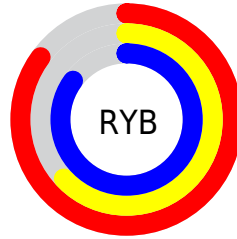
# Distribution



Red (85%)

Green (63%)

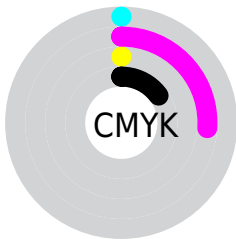
Blue (85%)



Red (85%)

Yellow (63%)

Blue (85%)

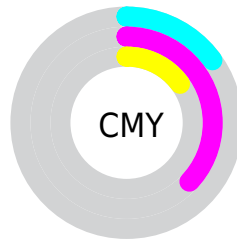


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (37%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 183.2420, 16.6427, 28.7288 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 183.2420, 16.6427, 28.7288 by changing the saturation by 10% instead.





 183.2420, 16.6427,  
28.7288

 183.2420, 16.6427,  
28.7288


255.0000, 0.0000,  
0.0000


 155.8290, 16.3533,  
28.2140


 231.5200, 11.5756,  
20.5920


 129.7040, 15.9219,  
26.5696

 248.5430, 3.1833,  
5.6628

 104.2910, 15.6325,  
26.0548

 79.4650, 15.0538,  
25.0252

 55.1660, 15.2012,  
24.4104

 31.4540, 15.0592,  
23.2808

 15.6230, 12.0179,

18.7476

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 183.2420, 16.6427,  
28.7288

■ 183.2420, 16.6427,  
28.7288

■ 170.3280, 23.0093,  
40.0543

■ 196.1560, 10.2761,  
17.4032

■ 157.7020, 29.2339,  
50.2503

■ 208.7820, 4.0515,  
7.2072

■ 144.7880, 35.6005,  
61.5759

■ 221.6960, -2.3151,  
-4.1184

■ 131.5750, 42.1145,  
72.2867

■ 234.9090, -8.8291,  
-14.8292

■ 119.2480, 48.1917,  
83.0975

■ 239.6050,  
-11.1443, -18.9476

■ 106.3340, 54.5583,  
94.4231

■ 239.9040,  
-11.2917, -18.3328

■ 93.1210, 61.0723,  
105.1339

■ 88.4250, 63.3875,  
109.2523

# Harmonies

## Analogous

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



180.5350, 28.8232, -4.8542



183.2420, 16.6427, 28.7288



182.3620, 1.3005, 49.6715

# Triad

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



183.2420, 16.6427, 28.7288



176.9730, -32.5247, 25.4567



154.6820, 25.2998, -88.2981

# Complementary

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



183.2420, 16.6427, 28.7288



193.7580, -16.6427, -28.7288

# 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.



161.5700, 5.1420, -62.7669



183.2420, 16.6427, 28.7288



173.3610, -27.7860, -1.1936

# Square

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



183.2420, 16.6427, 28.7288



178.8860, -27.0588, 45.7040



168.9040, -14.7427, -31.4878



159.8970, 36.0398, -79.7167



# Rectangle

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



183.2420, 16.6427, 28.7288



181.5340, -9.6303, 55.6597



168.9040, -14.7427, -31.4878



156.7060, 18.8789, -82.1802

# Sweetspot

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



183.2420, 16.6427, 28.7288



243.2600, 5.7878, 10.2960



167.6720, 24.3187, -6.7283



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.



183.2420, 16.6427, 28.7288



206.5670, 23.8775, 41.5987



180.4630, 4.7017, 32.0429



103.2440, 3.3307, 5.0480



70.5520, 50.5069, 87.2159



18.6990, 13.4594, 23.0660



# Inverse Universe

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



177.1570, -7.9654, 34.9423



197.7460, -11.2138, 50.2118



196.5370, -4.7017, -32.0429



102.2890, -1.6215, 6.7625



52.0690, -24.1910, 106.0565



13.8680, -6.3439, 28.1798



# Previews

## White Background



This preview shows how the YUV color 183.2420, 16.6427, 28.7288 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

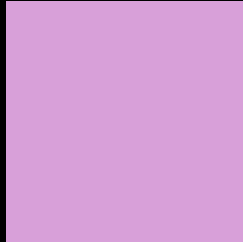
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.2420, 16.6427, 28.7288 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

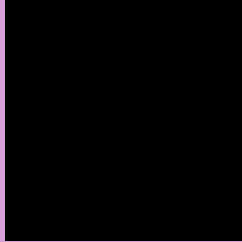
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 183.2420, 16.6427, 28.7288

## Background



This preview shows how black text looks on a background with the YUV color 183.2420, 16.6427, 28.7288.



This preview shows how white text looks on a background with the YUV color 183.2420, 16.6427, 28.7288.

28.7288.

# 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

183.2420, 16.6427, 28.7288

### Protanopia

179.3400, 24.4824, -12.5762

### Deuteranopia

180.6420, 16.4455, -1.4400



## Tritanopia

181.6380, -0.8075, 25.7505

# Trichromacy



## Original Color

183.2420, 16.6427, 28.7288



## Protanomaly

181.0430, 21.6708, 2.5933



## Deuteranomaly

181.7080, 16.4130, 9.0261



## Tritanomaly

181.9570, 5.4442, 27.2247

# Monochromacy



## Original Color

183.2420, 16.6427, 28.7288



## Achromatopsia

183.0000, 0.0000, 0.0000



## Achromatomaly

183.2600, 5.7878, 10.2960

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.2420, 16.6427, 28.7288 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, 160, 217)` looks like.

```
.text, #text, p{  
    color:rgb(216, 160, 217)  
}
```

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, 160, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 160, 217) }
```

## Border

The CSS property to change the border of an element to YUV 183.2420, 16.6427, 28.7288 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, 160, 217) }
```



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

```
.border{ border-color:rgb(216, 160, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 160, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 160, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 160, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 160,  
217) }
```

# Background

The CSS property to change the background color of an element to YUV 183.2420, 16.6427, 28.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 160, 217) }
```

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

```
.background{ background-color: rgb(216,  
160, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor