

# Converting Colors

YUV(185.7950, 21.3001,  
28.2438)

Have a look what the booklet for  
YUV(185.7950, 21.3001, 28.2438)  
contains.

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# Color

**YUV(185.7950, 21.3001,  
28.2438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA1E5
RGB	218, 161, 229
RGB Percent	85%, 63%, 90%
CMY	0.1451, 0.3686, 0.1020
CMYK	0.05, 0.30, 0.00, 0.10
HSL	290°, 57%, 76%
HSV	290°, 30%, 90%
XYZ	55.8012, 46.0523, 80.0767
YIQ	185.7950, 12.1440, 33.2320

# Conversions

## Conversions Part 2

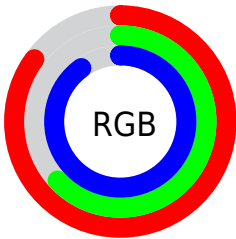
Format	Color
R <sub>Y</sub> B	218, 161, 229
Decimal	14328293
CIE Lab	73.58, 32.55, -26.08
CIE LCh	74, 41.711, 321.297
Yxy	46.0523, 0.3067, 0.2531
Android (android.graphics.Color)	4292518373 (0xFFDAA1E5)
YUV	185.7950, 21.3001, 28.2438
Hunter-Lab	67.8619, 28.0180, -22.4586

# Details

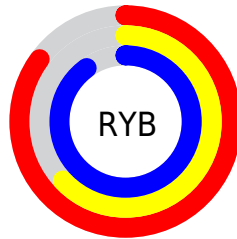
The YUV color **185.7950, 21.3001, 28.2438** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.2050, -21.3001, -28.2438**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1070, 11.2862, 20.0772**, and **132.1430, 20.1425, 26.1846** is the 20% darker color. If you saturate the color by 10%, you get **171.0980, 28.5457, 37.6251**, and if you desaturate by 10%, it is **200.4920, 14.0544, 18.8625**.

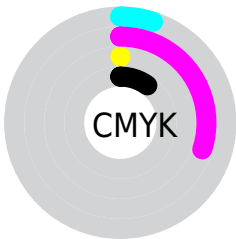
# Distribution



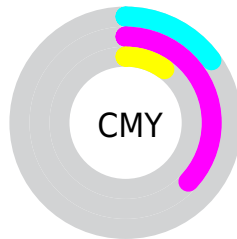
- Red (85%)
- Green (63%)
- Blue (90%)



- Red (85%)
- Yellow (63%)
- Blue (90%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (10%)




- Cyan (15%)
- Magenta (37%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 185.7950, 21.3001, 28.2438 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 185.7950, 21.3001, 28.2438 by changing the saturation by 10% instead.





 185.7950, 21.3001,  
28.2438


 185.7950, 21.3001,  
28.2438


255.0000, 0.0000,  
0.0000


 158.3820, 21.0107,  
27.7290


 232.1070, 11.2862,  
20.0772


 132.1430, 20.1425,  
26.1846

 249.1300, 2.8939,  
5.1480

 106.4310, 20.0005,  
25.0550

 81.0180, 19.7111,  
24.5402

 57.1920, 19.1323,  
23.5106

 32.3060, 19.5691,  
23.4106

 16.6490, 15.9490,

17.8478

■ 3.0780, 11.7935,  
-2.6994

■ 0.0000, 0.0000,  
0.0000

■ 185.7950, 21.3001,  
28.2438

■ 185.7950, 21.3001,  
28.2438

■ 171.0980, 28.5457,  
37.6251

■ 200.4920, 14.0544,  
18.8625

■ 156.7000, 35.6439,  
47.6211

■ 214.8900, 6.9562,  
8.8665

■ 142.0030, 42.8895,  
57.0024

■ 229.5870, -0.2894,  
-0.5148

■ 127.3060, 50.1351,  
66.3836

■ 244.2840, -7.5350,  
-9.8961

■ 113.1960, 57.0914,  
75.2501

■ 246.6540, -8.7034,  
-8.4666

■ 98.7980, 64.1896,  
85.2462

■ 247.5510, -9.1456,  
-6.6222

■ 84.1010, 71.4352,  
94.6274

■ 248.7470, -9.7353,  
-4.1631

■ 83.5140, 71.7246,  
95.1422

■ 249.9430,  
-10.3249, -1.7040

■ 250.8400,  
-10.7671, 0.1403

# Harmonies

## Analogous

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



181.6850, 34.6653, -12.0017



185.7950, 21.3001, 28.2438



185.1930, 4.3419, 54.2047

# Triad

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



185.7950, 21.3001, 28.2438



178.9800, -36.4721, 31.5895



141.5850, 32.2496, -124.1700

# Complementary

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



185.7950, 21.3001, 28.2438



204.2050, -21.3001, -28.2438

# 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.



160.7710, 3.5639, -69.9592



185.7950, 21.3001, 28.2438



175.3030, -33.1804, 2.3653

# Square

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



185.7950, 21.3001, 28.2438



181.0720, -29.1225, 54.3109



170.1660, -18.8158, -31.7176



142.8850, 47.3847, -125.3101



# Rectangle

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



185.7950, 21.3001, 28.2438



184.0340, -7.9048, 62.2372



170.1660, -18.8158, -31.7176



149.3720, 22.0016, -103.8122

# Sweetspot

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



185.7950, 21.3001, 28.2438



240.3030, 7.2456, 9.3813



175.2090, 26.5190, -12.4613



118.2980, 4.7831, 5.8777



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.



185.7950, 21.3001, 28.2438



196.5110, 28.8351, 38.1399



186.4620, 9.6322, 37.3058



107.3580, 3.7675, 4.9480



65.2560, 56.0758, 74.3205



18.6710, 15.9382, 21.3365



# Inverse Universe

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



182.5860, -5.2189, 40.7051



192.2180, -7.0095, 55.0598



203.5380, -9.6322, -37.3058



106.8160, -0.8953, 7.1774



56.8270, -13.7187, 107.1457

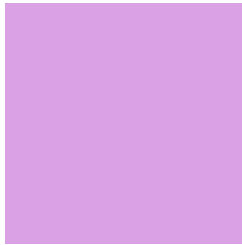


16.1610, -4.0234, 30.5538



# Previews

## White Background



This preview shows how the YUV color 185.7950, 21.3001, 28.2438 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

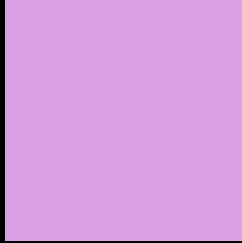
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.7950, 21.3001, 28.2438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

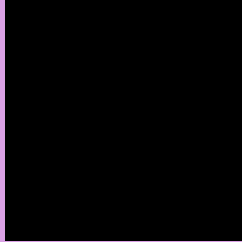
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 185.7950, 21.3001, 28.2438

## Background



This preview shows how black text looks on a background with the YUV color 185.7950, 21.3001, 28.2438.



This preview shows how white text looks on a background with the YUV color 185.7950, 21.3001, 28.2438.



# 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

185.7950, 21.3001, 28.2438

### Protanopia

181.3980, 29.8768, -16.1350

### Deuteranopia

182.2870, 21.5505, -5.5137



## Tritanopia

183.7410, -0.3653, 23.9061

# Trichromacy



## Original Color

185.7950, 21.3001, 28.2438



## Protanomaly

182.6990, 26.7704, 0.2640



## Deuteranomaly

183.3640, 21.5125, 6.6968



## Tritanomaly

184.8150, 7.4862, 25.5952

# Monochromacy



## Original Color

185.7950, 21.3001, 28.2438



## Achromatopsia

186.0000, 0.0000, 0.0000



## Achromatomaly

186.1290, 7.8244, 10.4109

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.7950, 21.3001, 28.2438 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(218, 161, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 161, 229)  
}
```

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(218, 161, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 161, 229) }
```

## Border

The CSS property to change the border of an element to YUV 185.7950, 21.3001, 28.2438 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".

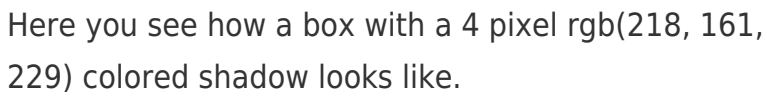
```
.border, #border, table{ border:4px solid rgb(218, 161, 229) }
```



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

```
.border{ border-color:rgb(218, 161, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 161, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 161, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 161, 229); box-shadow:4px 4px 4px 4px rgb(218, 161, 229) }
```

# Background

The CSS property to change the background color of an element to YUV 185.7950, 21.3001, 28.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 161, 229) }
```

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

```
.background{ background-color: rgb(218,  
161, 229) }
```

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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