

# Converting Colors

YUV(181.3050, 7.7376, 38.3205)

Have a look what the booklet for  
YUV(181.3050, 7.7376, 38.3205)  
contains.

<b>YUV(181.3050, 7.7376, 38.3205)</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(181.3050, 7.7376,  
38.3205)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E19CC5
RGB	225, 156, 197
RGB Percent	88%, 61%, 77%
CMY	0.1176, 0.3882, 0.2275
CMYK	0.00, 0.31, 0.12, 0.12
HSL	324°, 53%, 75%
HSV	324°, 31%, 88%
XYZ	53.0178, 43.8157, 58.4863
YIQ	181.3050, 27.9630, 27.3790

# Conversions

## Conversions Part 2

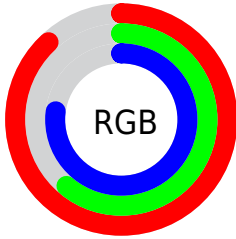
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 156, 197
Decimal	14785733
CIE Lab	72.11, 31.83, -10.67
CIE LCh	72, 33.568, 341.462
Yxy	43.8157, 0.3413, 0.2821
Android (android.graphics.Color)	4292975813 (0xFFE19CC5)
YUV	181.3050, 7.7376, 38.3205
Hunter-Lab	66.1934, 27.1317, -6.0512

# Details

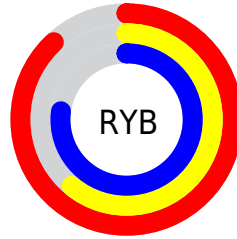
The YUV color **181.3050, 7.7376, 38.3205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.6950, -7.7376, -38.3205**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0580, 12.2964, 22.7511**, and **127.8810, 7.4537, 36.0614** is the 20% darker color. If you saturate the color by 10%, you get **167.3650, 10.1731, 50.5459**, and if you desaturate by 10%, it is **195.8320, 5.0128, 25.5803**.

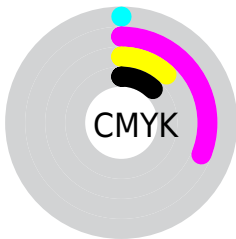
# Distribution



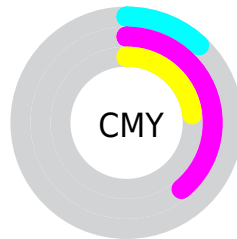
- Red (88%)
- Green (61%)
- Blue (77%)



- Red (88%)
- Yellow (61%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (39%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.3050, 7.7376, 38.3205 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 181.3050, 7.7376, 38.3205 by changing the saturation by 10% instead.





 181.3050, 7.7376,  
38.3205


 181.3050, 7.7376,  
38.3205

255.0000, 0.0000,  
0.0000


 154.0060, 7.8850,  
37.7057


 229.0580, 12.2964,  
22.7511

 127.8810, 7.4537,  
36.0614

 246.1950, 4.3409,  
7.7220

 102.2830, 7.7485,  
34.8318

 77.2720, 7.7539,  
33.0875

 52.6740, 8.0487,  
31.8579

 27.7280, 9.5011,  
32.6875

 15.9350, 5.4550,

23.7360

■ 0.0000, 0.0000,  
0.0000

■ 181.3050, 7.7376,  
38.3205

■ 181.3050, 7.7376,  
38.3205

■ 167.3650, 10.1731,  
50.5459

■ 195.8320, 5.0128,  
25.5803

■ 152.8380, 12.8979,  
63.2861

■ 209.7720, 2.5774,  
13.3550

■ 138.8980, 15.3333,  
75.5115

■ 224.2990, -0.1474,  
0.6148

■ 124.2570, 17.6213,  
88.3516

■ 238.3530, -2.1460,  
-11.7106

■ 110.3170, 20.0567,  
100.5770

■ 244.6620, -0.8194,  
-17.2436

■ 95.7900, 22.7815,  
113.3172

■ 245.6880, 3.1118,  
-18.1434

■ 82.5510, 25.3644,  
124.9278

■ 246.0300, 4.4222,  
-18.4433

# Harmonies

## Analogous

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



180.8810, 20.7647, 13.2594



181.3050, 7.7376, 38.3205



180.1850, -6.9932, 49.8268

# Triad

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



181.3050, 7.7376, 38.3205



173.9110, -28.5501, 10.6021



158.5680, 28.3140, -75.0431

# Complementary

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



181.3050, 7.7376, 38.3205



199.6950, -7.7376, -38.3205

# 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.



159.8280, 13.8888, -68.2552



181.3050, 7.7376, 38.3205



170.0370, -19.7382, -15.8184

# Square

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



181.3050, 7.7376, 38.3205



176.1680, -28.1838, 33.1787



165.1720, -4.5218, -43.1238



166.9650, 33.0483, -53.4663



# Rectangle

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



181.3050, 7.7376, 38.3205



178.7800, -16.1605, 50.1819



165.1720, -4.5218, -43.1238



158.2320, 24.5356, -76.5025

# Sweetspot

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



181.3050, 7.7376, 38.3205



240.4730, 2.7248, 12.7402



172.2380, 26.0117, 10.3153



118.5110, 1.7201, 8.3219



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.



181.3050, 7.7376, 38.3205



195.4900, 10.6044, 52.1903



177.4290, -7.1135, 41.7198



105.0870, 1.4361, 6.0627



64.5940, 19.9202, 97.7031



17.6580, 5.5916, 26.6099



# Inverse Universe

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



181.3050, 7.7376, 38.3205



195.4900, 10.6044, 52.1903



203.5710, 7.1135, -41.7198



105.0870, 1.4361, 6.0627



64.5940, 19.9202, 97.7031



17.6580, 5.5916, 26.6099



# Previews

## White Background



This preview shows how the YUV color 181.3050, 7.7376, 38.3205 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

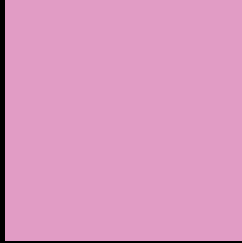
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.3050, 7.7376, 38.3205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

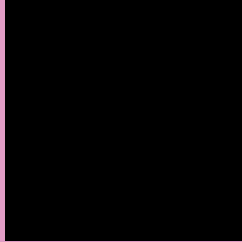
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 181.3050, 7.7376, 38.3205

## Background



This preview shows how black text looks on a background with the YUV color 181.3050, 7.7376, 38.3205.



This preview shows how white text looks on a background with the YUV color 181.3050, 7.7376,



# 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

181.3050, 7.7376, 38.3205

### Protanopia

178.0820, 15.7356, -7.0879

### Deuteranopia

178.9930, 7.3985, 7.0221



## Tritanopia

180.0200, -3.4609, 36.8165

# Trichromacy



**Original Color**

181.3050, 7.7376, 38.3205

**Protanomaly**

179.3830, 12.6292, 9.3111

**Deuteranomaly**

179.7710, 7.5079, 18.6178

**Tritanomaly**

180.7580, 0.6123, 37.0462

# Monochromacy



**Original Color**

181.3050, 7.7376, 38.3205

**Achromatopsia**

181.0000, 0.0000, 0.0000

**Achromatomaly**

181.1850, 2.8668, 13.8698

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.3050, 7.7376, 38.3205 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(225, 156, 197)` looks like.

```
.text, #text, p{  
    color:rgb(225, 156, 197)  
}
```

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(225, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 156, 197) }
```

## Border

The CSS property to change the border of an element to YUV 181.3050, 7.7376, 38.3205 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(225, 156, 197) }
```



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

```
.border{ border-color:rgb(225, 156, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 156, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 156, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 156, 197);  
box-shadow:4px 4px 4px 4px rgb(225, 156,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 181.3050, 7.7376, 38.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 156, 197) }
```

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

```
.background{ background-color: rgb(225,  
156, 197) }
```

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