

# Converting Colors

YUV(183.7380, 14.4262,  
39.6948)

Have a look what the booklet for  
YUV(183.7380, 14.4262, 39.6948)  
contains.

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# Color

**YUV(183.7380, 14.4262,  
39.6948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E59BD5
RGB	229, 155, 213
RGB Percent	90%, 61%, 84%
CMY	0.1020, 0.3922, 0.1647
CMYK	0.00, 0.32, 0.07, 0.10
HSL	313°, 59%, 75%
HSV	313°, 32%, 90%
XYZ	56.0447, 44.9048, 68.6644
YIQ	183.7380, 25.4860, 33.7260

# Conversions

## Conversions Part 2

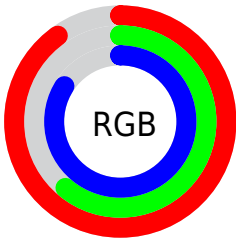
Format	Color
R <sub>YB</sub>	229, 155, 213
Decimal	15047637
CIE <sub>Lab</sub>	72.83, 36.39, -18.36
CIE <sub>LCh</sub>	73, 40.760, 333.236
Yxy	44.9048, 0.3304, 0.2647
Android (android.graphics.Color)	4293237717 (0xFFE59BD5)
YUV	183.7380, 14.4262, 39.6948
Hunter-Lab	67.0110, 32.0191, -13.8451

# Details

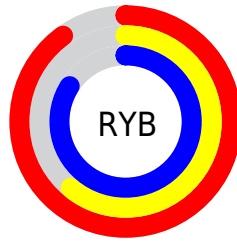
The YUV color **183.7380, 14.4262, 39.6948** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **200.2620, -14.4262, -39.6948**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **129.3140, 14.1422, 37.4356** is the 20% darker color. If you saturate the color by 10%, you get **169.6670, 18.8982, 52.0350**, and if you desaturate by 10%, it is **197.8090, 9.9542, 27.3545**.

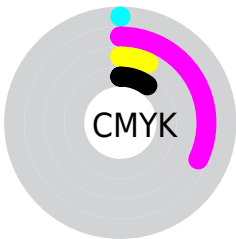
# Distribution



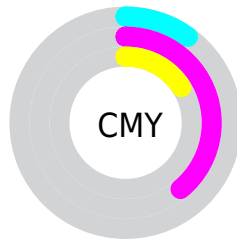
- Red (90%)
- Green (61%)
- Blue (84%)



- Red (90%)
- Yellow (61%)
- Blue (84%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (10%)




- Cyan (10%)
- Magenta (39%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 183.7380, 14.4262, 39.6948 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 183.7380, 14.4262, 39.6948 by changing the saturation by 10% instead.





 183.7380, 14.4262,  
39.6948


 183.7380, 14.4262,  
39.6948


255.0000, 0.0000,  
0.0000


 156.0260, 14.2842,  
38.5652


 228.5850, 13.0226,  
23.1660


 129.3140, 14.1422,  
37.4356

 245.6080, 4.6303,  
8.2368

 103.6020, 14.0002,  
36.3060

 78.8900, 13.8582,  
35.1765

 53.5910, 14.0056,  
34.5617

 27.0580, 15.7474,  
35.9061

 17.6730, 9.5282,

23.9658

■ 3.6890, 5.0833,  
2.9037

■ 0.0000, 0.0000,  
0.0000

■ 183.7380, 14.4262,  
39.6948

■ 183.7380, 14.4262,  
39.6948

■ 169.6670, 18.8982,  
52.0350

■ 197.8090, 9.9542,  
27.3545

■ 155.5960, 23.3702,  
64.3753

■ 211.8800, 5.4822,  
15.0142

■ 141.5250, 27.8422,  
76.7156

■ 225.9510, 1.0102,  
2.6740

■ 127.4540, 32.3142,  
89.0558

■ 240.0220, -3.4618,  
-9.6663

■ 113.3830, 36.7862,  
101.3961

■ 245.2880, -3.5930,  
-14.2846

■ 99.8990, 40.9688,  
113.2216

■ 245.8580, -1.4090,  
-14.7845

■ 88.8770, 44.4306,  
122.8879

■ 246.4280, 0.7750,  
-15.2844

■ 246.9980, 2.9590,  
-15.7842

■ 247.2260, 3.8326,  
-15.9842

# Harmonies

## Analogous

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



182.3020, 28.9381, 4.9971



183.7380, 14.4262, 39.6948



181.9780, -2.9472, 58.7783

# Triad

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



183.7380, 14.4262, 39.6948



175.7290, -35.8554, 20.4087



140.4910, 38.2119, -123.2106

# Complementary

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



183.7380, 14.4262, 39.6948



200.2620, -14.4262, -39.6948

# 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.



154.9030, 13.3588, -84.9839



183.7380, 14.4262, 39.6948



171.8930, -28.0482, -10.4302

# Square

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



183.7380, 14.4262, 39.6948



178.5070, -32.2950, 45.1594



165.5540, -10.6261, -45.2129



156.9760, 42.9028, -87.6790



# Rectangle

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



183.7380, 14.4262, 39.6948



180.9000, -14.7407, 61.4777



165.5540, -10.6261, -45.2129



139.8240, 33.1178, -122.6256

# Sweetspot

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



183.7380, 14.4262, 39.6948



239.6410, 4.6140, 13.4698



167.9210, 30.1119, 1.8233



118.1520, 2.8831, 8.6367



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.



183.7380, 14.4262, 39.6948



194.3790, 19.0402, 53.1646



179.6340, -1.2986, 43.2940



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545



# Inverse Universe

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



183.7380, 14.4262, 39.6948



194.3790, 19.0402, 53.1646



204.3660, 1.2986, -43.2940



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482

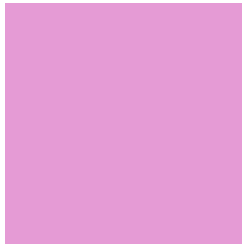


19.8090, 9.9542, 27.3545



# Previews

## White Background



This preview shows how the YUV color 183.7380, 14.4262, 39.6948 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

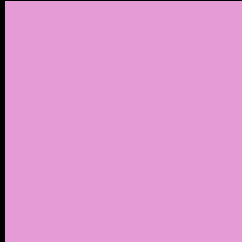
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.7380, 14.4262, 39.6948 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

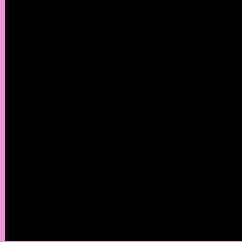
Any Text WCAG AA ✓ Pass

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 183.7380, 14.4262, 39.6948 Background



This preview shows how black text looks on a background with the YUV color 183.7380, 14.4262, 39.6948.



This preview shows how white text looks on a background with the YUV color 183.7380, 14.4262, 39.6948.



# 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

183.7380, 14.4262, 39.6948

### Protanopia

179.5250, 23.8982, -11.8614

### Deuteranopia

180.9690, 13.8193, 0.9042



## Tritanopia

182.0200, -3.4609, 36.8165

# Trichromacy



## Original Color

183.7380, 14.4262, 39.6948



## Protanomaly

181.1360, 20.6390, 6.8967



## Deuteranomaly

182.0570, 13.7759, 14.8590



## Tritanomaly

182.4530, 3.2277, 38.1907

# Monochromacy



## Original Color

183.7380, 14.4262, 39.6948



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

183.5810, 5.6296, 14.3995

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.7380, 14.4262, 39.6948 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(229, 155, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 155, 213)  
}
```

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(229, 155, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 155, 213) }
```

## Border

The CSS property to change the border of an element to YUV 183.7380, 14.4262, 39.6948 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".

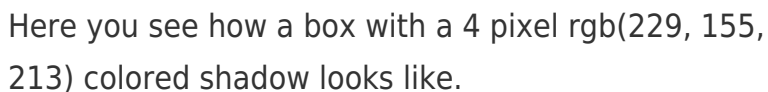
```
.border, #border, table{ border:4px solid rgb(229, 155, 213) }
```



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

```
.border{ border-color:rgb(229, 155, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 155, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 155, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 155, 213); box-shadow:4px 4px 4px 4px rgb(229, 155, 213) }
```

# Background

The CSS property to change the background color of an element to YUV 183.7380, 14.4262, 39.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 155, 213) }
```

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

```
.background{ background-color: rgb(229,  
155, 213) }
```

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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