

# Converting Colors

YUV(164.1490, 4.3635, 47.2273)

Have a look what the booklet for  
YUV(164.1490, 4.3635, 47.2273)  
contains.

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# Color

**YUV(164.1490, 4.3635,  
47.2273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA87AD
RGB	218, 135, 173
RGB Percent	85%, 53%, 68%
CMY	0.1451, 0.4706, 0.3216
CMYK	0.00, 0.38, 0.21, 0.15
HSL	333°, 53%, 69%
HSV	333°, 38%, 85%
XYZ	45.1202, 35.2505, 43.9611
YIQ	164.1490, 37.2700, 29.4140

# Conversions

## Conversions Part 2

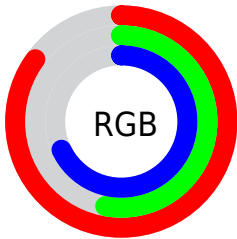
Format	Color
R <sub>Y</sub> B	218, 135, 173
Decimal	14321581
CIE Lab	65.94, 36.84, -6.54
CIE LCh	66, 37.417, 349.936
Yxy	35.2505, 0.3629, 0.2835
Android (android.graphics.Color)	4292511661 (0xFFDA87AD)
YUV	164.1490, 4.3635, 47.2273
Hunter-Lab	59.3721, 31.7510, -2.3398

# Details

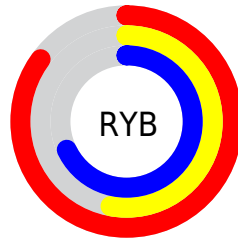
The YUV color  $164.1490, 4.3635, 47.2273$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $188.8510, -4.3635, -47.2273$ , and the grayscale version is  $164.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $213.1800, 7.3063, 36.6761$ , and  $110.6540, 5.1006, 44.1534$  is the 20% darker color. If you saturate the color by 10%, you get  $149.8670, 5.4886, 59.7526$ , and if you desaturate by 10%, it is  $178.4310, 3.2385, 34.7020$ .

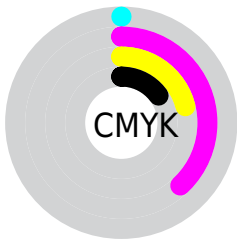
# Distribution



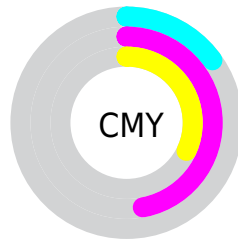
- Red (85%)
- Green (53%)
- Blue (68%)



- Red (85%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (15%)




- Cyan (15%)
- Magenta (47%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.1490, 4.3635, 47.2273 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 164.1490, 4.3635, 47.2273 by changing the saturation by 10% instead.




 164.1490, 4.3635,  
47.2273


 164.1490, 4.3635,  
47.2273

255.0000, 0.0000,  
0.0000


 137.1380, 4.3690,  
45.4830

 213.1800, 7.3063,  
36.6761

 110.6540, 5.1006,  
44.1534

 233.2810, 10.7075,  
19.0476

 85.0560, 5.3954,  
42.9239

 249.7170, 2.6045,  
4.6332

 59.5720, 6.1270,  
41.5944

 32.2670, 8.7424,  
42.7388

 20.0500, 4.4123,  
31.5282

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,  
0.0000

■ 164.1490, 4.3635,  
47.2273

■ 164.1490, 4.3635,  
47.2273

■ 149.8670, 5.4886,  
59.7526

■ 178.4310, 3.2385,  
34.7020

■ 135.5850, 6.6136,  
72.2780

■ 192.7130, 2.1135,  
22.1767

■ 122.0040, 7.8860,  
84.1885

■ 206.2940, 0.8411,  
10.2662

■ 107.7220, 9.0111,  
96.7138

■ 220.5760, -0.2840,  
-2.2592

■ 93.4400, 10.1361,  
109.2391

■ 234.8580, -1.4090,  
-14.7845

■ 79.1580, 11.2611,  
121.7644

■ 242.6830, 0.6493,  
-21.6470

■ 76.5820, 11.5451,  
124.0236

■ 243.9370, 5.4541,  
-22.7467

# Harmonies

## Analogous

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



164.3060, 19.5691, 23.4106



164.1490, 4.3635, 47.2273



162.6650, -11.6668, 55.5448

# Triad

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



164.1490, 4.3635, 47.2273



155.6390, -29.4020, 3.8246



130.3670, 39.7521, -103.8079

# Complementary

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



164.1490, 4.3635, 47.2273



188.8510, -4.3635, -47.2273

# 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.



127.9250, 26.6590, -104.2972



164.1490, 4.3635, 47.2273



150.9540, -17.2323, -26.2697

# Square

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



164.1490, 4.3635, 47.2273



158.5220, -31.8093, 29.3602



143.3810, 1.7842, -59.0931



150.7030, 37.1214, -53.2365



# Rectangle

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



164.1490, 4.3635, 47.2273



161.2380, -20.8233, 52.4113



143.3810, 1.7842, -59.0931



126.3400, 37.3004, -110.8002

# Sweetspot

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



164.1490, 4.3635, 47.2273



236.8540, 1.5510, 15.9140



157.6180, 29.7683, 18.7520



116.9950, 0.9885, 9.6514



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.



164.1490, 4.3635, 47.2273



179.0250, 5.9037, 66.6301



161.5780, -13.1030, 49.4821



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802



# Inverse Universe

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



164.1490, 4.3635, 47.2273



179.0250, 5.9037, 66.6301



191.4220, 13.1030, -49.4821



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582

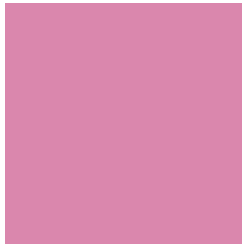


16.1480, 2.3920, 26.1802



# Previews

## White Background



This preview shows how the YUV color 164.1490, 4.3635, 47.2273 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

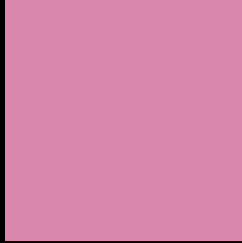
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.1490, 4.3635, 47.2273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

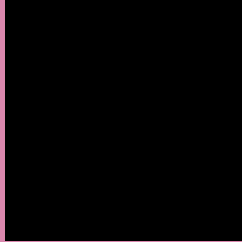
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.1490, 4.3635, 47.2273

## Background



This preview shows how black text looks on a background with the YUV color 164.1490, 4.3635, 47.2273.



This preview shows how white text looks on a background with the YUV color 164.1490, 4.3635,



# 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

164.1490, 4.3635, 47.2273

### Protanopia

161.1100, 13.2568, -5.3585

### Deuteranopia

162.2660, 3.3199, 8.5367



## Tritanopia

163.2770, -6.5456, 46.2381

# Trichromacy



## Original Color

164.1490, 4.3635, 47.2273



## Protanomaly

162.1340, 10.2869, 13.9145



## Deuteranomaly

162.7670, 3.5659, 23.0063



## Tritanomaly

163.9010, -2.9092, 46.5678

# Monochromacy



## Original Color

164.1490, 4.3635, 47.2273



## Achromatopsia

164.0000, 0.0000, 0.0000



## Achromatomaly

163.8650, 1.5456, 17.6584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.1490, 4.3635, 47.2273 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, 135, 173)` looks like.

```
.text, #text, p{  
    color:rgb(218, 135, 173)  
}
```

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, 135, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 135, 173) }
```

## Border

The CSS property to change the border of an element to YUV 164.1490, 4.3635, 47.2273 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".

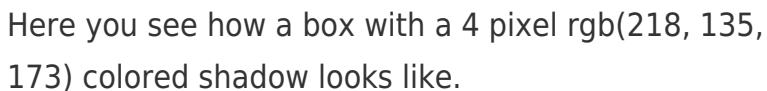
```
.border, #border, table{ border:4px solid rgb(218, 135, 173) }
```



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

```
.border{ border-color:rgb(218, 135, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 135, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 135, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 135, 173); box-shadow:4px 4px 4px 4px rgb(218, 135, 173) }
```

# Background

The CSS property to change the background color of an element to YUV 164.1490, 4.3635, 47.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 135, 173) }
```

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

```
.background{ background-color: rgb(218,  
135, 173) }
```

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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