

# Converting Colors

YUV(183.6480, 27.7815,  
49.4207)

Have a look what the booklet for  
YUV(183.6480, 27.7815, 49.4207)  
contains.

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# Color

**YUV(183.6480, 27.7815,  
49.4207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F090F0
RGB	240, 144, 240
RGB Percent	94%, 56%, 94%
CMY	0.0588, 0.4353, 0.0588
CMYK	0.00, 0.40, 0.00, 0.06
HSL	300°, 76%, 75%
HSV	300°, 40%, 94%
XYZ	61.6366, 44.7631, 87.8296
YIQ	183.6480, 26.4000, 50.2080

# Conversions

## Conversions Part 2

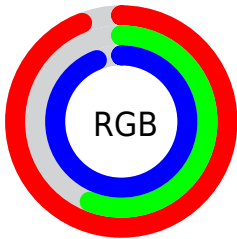
Format	Color
R <sub>Y</sub> B	240, 144, 240
Decimal	15765744
CIE Lab	72.74, 50.30, -33.18
CIE LCh	73, 60.261, 326.588
Yxy	44.7631, 0.3173, 0.2305
Android (android.graphics.Color)	4293955824 (0xFFFF09F0)
YUV	183.6480, 27.7815, 49.4207
Hunter-Lab	66.9052, 47.3596, -30.9991

# Details

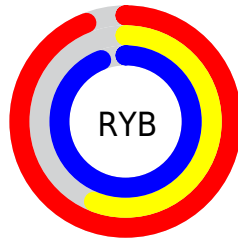
The YUV color **183.6480, 27.7815, 49.4207** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **200.3520, -27.7815, -49.4207**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7150, 15.9165, 28.3139**, and **128.2240, 27.4976, 47.1616** is the 20% darker color. If you saturate the color by 10%, you get **169.5600, 34.7269, 61.7759**, and if you desaturate by 10%, it is **197.7360, 20.8362, 37.0655**.

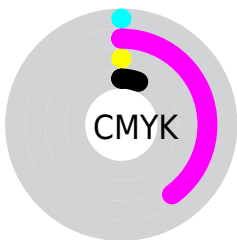
# Distribution



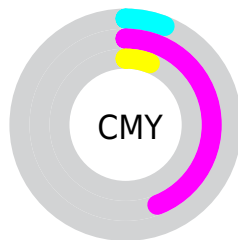
- Red (94%)
- Green (56%)
- Blue (94%)



- Red (94%)
- Yellow (56%)
- Blue (94%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (44%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 183.6480, 27.7815, 49.4207 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 183.6480, 27.7815, 49.4207 by changing the saturation by 10% instead.





 183.6480, 27.7815,  
49.4207


 183.6480, 27.7815,  
49.4207


255.0000, 0.0000,  
0.0000


 155.8220, 27.2028,  
48.3911


 222.7150, 15.9165,  
28.3139


 128.2240, 27.4976,  
47.1616

 239.1510, 7.8136,  
13.8996

 101.5120, 27.3556,  
46.0320

 74.5120, 27.3556,  
46.0320

 41.8700, 31.1231,  
50.9800

 31.2460, 24.0357,  
37.4953

 21.4480, 17.5271,

25.0401

■ 10.2690, 12.1924,  
9.4111

■ 0.9120, 3.4944,  
-0.7998

■ 183.6480, 27.7815,  
49.4207

■ 183.6480, 27.7815,  
49.4207

■ 169.5600, 34.7269,  
61.7759

■ 197.7360, 20.8362,  
37.0655

■ 155.4720, 41.6723,  
74.1311

■ 211.8240, 13.8908,  
24.7104

■ 141.3840, 48.6177,  
86.4862

■ 225.9120, 6.9454,  
12.3552

■ 127.2960, 55.5631,  
98.8414

■ 240.0000, 0.0000,  
0.0000

■ 113.2080, 62.5085,  
111.1966

■ 248.8050, -4.3409,  
-7.7220

■ 99.1200, 69.4538,  
123.5518

# Harmonies

## Analogous

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



177.9290, 37.9960, -6.9537



183.6480, 27.7815, 49.4207



173.8730, 6.4716, 71.1484

# Triad

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



183.6480, 27.7815, 49.4207



172.6050, -54.5283, 36.3034



146.0990, 39.3912, -128.1288

# Complementary

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



183.6480, 27.7815, 49.4207



200.3520, -27.7815, -49.4207

# 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.



139.7150, 14.9305, -122.5301



183.6480, 27.7815, 49.4207



167.8060, -46.2464, -6.8459

# Square

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



183.6480, 27.7815, 49.4207



175.9740, -43.8642, 69.3058



156.8220, -20.6182, -60.3569



145.8830, 53.7947, -127.9394



# Rectangle

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



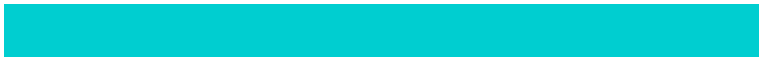
183.6480, 27.7815, 49.4207



170.2420, -9.9793, 74.3328



156.8220, -20.6182, -60.3569



144.6340, 31.2394, -126.8440

# Sweetspot

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



183.6480, 27.7815, 49.4207



236.8030, 8.9711, 15.9588



154.9440, 41.9326, -9.5979



117.4340, 5.2090, 9.2664



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.



183.6480, 27.7815, 49.4207



183.3860, 35.3057, 62.8055



178.1760, 6.8152, 54.2196



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287



# Inverse Universe

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



183.6480, 27.7815, 49.4207



183.3860, 35.3057, 62.8055



205.8240, -6.8152, -54.2196



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287



# Previews

## White Background



This preview shows how the YUV color 183.6480, 27.7815, 49.4207 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

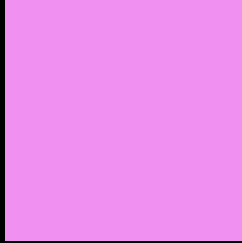
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.6480, 27.7815, 49.4207 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

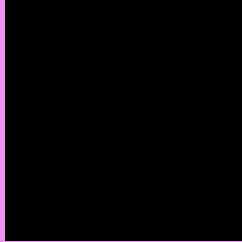
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 183.6480, 27.7815, 49.4207

## Background



This preview shows how black text looks on a background with the YUV color 183.6480, 27.7815, 49.4207.



This preview shows how white text looks on a background with the YUV color 183.6480, 27.7815,



# 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

183.6480, 27.7815, 49.4207

### Protanopia

178.1290, 37.8974, -22.0381

### Deuteranopia

179.6220, 26.8084, -11.9465



## Tritanopia

181.8960, -5.3717, 43.0642

# Trichromacy



## Original Color

183.6480, 27.7815, 49.4207



## Protanomaly

180.0830, 34.4691, 4.3122



## Deuteranomaly

180.8790, 27.1747, 10.6301



## Tritanomaly

182.7080, 6.5530, 44.9831

# Monochromacy



## Original Color

183.6480, 27.7815, 49.4207



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

183.4550, 10.1287, 18.0180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.6480, 27.7815, 49.4207 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(240, 144, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 144, 240)  
}
```

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(240, 144, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 240) }
```

## Border

The CSS property to change the border of an element to YUV 183.6480, 27.7815, 49.4207 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(240, 144, 240) }
```



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

```
.border{ border-color:rgb(240, 144, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 144, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 144, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 144, 240); box-shadow:4px 4px 4px 4px rgb(240, 144, 240) }
```

# Background

The CSS property to change the background color of an element to YUV 183.6480, 27.7815, 49.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 240) }
```

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

```
.background{ background-color: rgb(240,  
144, 240) }
```

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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