

# Converting Colors

YUV(192.0150, 17.7406,  
49.9758)

Have a look what the booklet for  
YUV(192.0150, 17.7406, 49.9758)  
contains.

<b>YUV(192.0150, 17.7406, 49.9758)</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(192.0150, 17.7406,  
49.9758)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F99CE4
RGB	249, 156, 228
RGB Percent	98%, 61%, 89%
CMY	0.0235, 0.3882, 0.1059
CMYK	0.00, 0.37, 0.08, 0.02
HSL	314°, 89%, 79%
HSV	314°, 37%, 98%
XYZ	64.9590, 49.5181, 79.5330
YIQ	192.0150, 32.3160, 42.1080

# Conversions

## Conversions Part 2

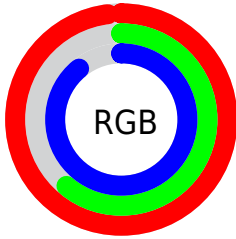
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 156, 228
Decimal	16358628
CIE Lab	75.77, 44.85, -21.89
CIE LCh	76, 49.909, 333.985
Yxy	49.5181, 0.3348, 0.2552
Android (android.graphics.Color)	4294548708 (0xFFFF99CE4)
YUV	192.0150, 17.7406, 49.9758
Hunter-Lab	70.3691, 41.6306, -17.7528

# Details

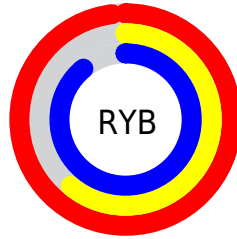
The YUV color **192.0150, 17.7406, 49.9758** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **212.9850, -17.7406, -49.9758**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **137.1780, 17.1672, 47.2019** is the 20% darker color. If you saturate the color by 10%, you get **176.6560, 22.3546, 63.4457**, and if you desaturate by 10%, it is **207.3740, 13.1266, 36.5060**.

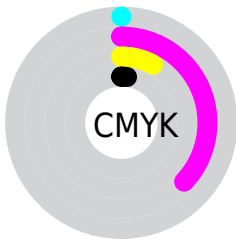
# Distribution



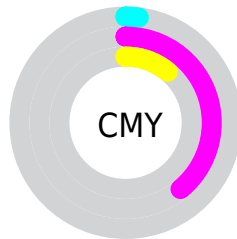
- Red (98%)
- Green (61%)
- Blue (89%)



- Red (98%)
- Yellow (61%)
- Blue (89%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (39%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 192.0150, 17.7406, 49.9758 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 192.0150, 17.7406, 49.9758 by changing the saturation by 10% instead.





 192.0150, 17.7406,  
49.9758


 192.0150, 17.7406,  
49.9758


255.0000, 0.0000,  
0.0000


 164.3030, 17.5986,  
48.8463


 229.7590, 12.4438,  
22.1364


 137.1780, 17.1672,  
47.2019

 246.7820, 4.0515,  
7.2072

 110.5800, 17.4621,  
45.9723

 84.2810, 17.6095,  
45.3576

 56.9220, 18.7725,  
45.6724

 32.9110, 18.7779,  
43.9281

 22.8140, 12.4167,

30.8581

■ 13.2440, 6.7817,  
18.2030

■ 0.0000, 0.0000,  
0.0000

■ 192.0150, 17.7406,  
49.9758

■ 192.0150, 17.7406,  
49.9758

■ 176.6560, 22.3546,  
63.4457

■ 207.3740, 13.1266,  
36.5060

■ 161.4110, 27.4054,  
76.8156

■ 222.6190, 8.0758,  
23.1361

■ 146.0520, 32.0194,  
90.2854

■ 237.9780, 3.4618,  
9.6663

■ 130.8070, 37.0701,  
103.6553

■ 252.6360, -1.2995,  
-3.1888

■ 116.0350, 41.3947,  
116.6103

■ 253.2060, 0.8844,  
-3.6887

■ 100.6760, 46.0087,  
130.0801

■ 96.4530, 47.5977,  
133.7837

# Harmonies

## Analogous

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



189.5350, 32.2742, 8.3008



192.0150, 17.7406, 49.9758



184.4560, -1.2108, 61.8671

# Triad

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



192.0150, 17.7406, 49.9758



182.1610, -44.4494, 23.5378



149.7010, 43.0384, -131.2878

# Complementary

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



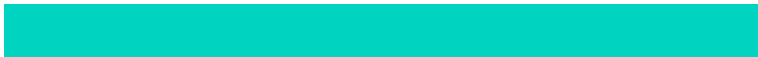
192.0150, 17.7406, 49.9758



212.9850, -17.7406, -49.9758

# 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.



145.7450, 22.8037, -127.8184



192.0150, 17.7406, 49.9758



177.2640, -34.1472, -14.2635

# Square

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



192.0150, 17.7406, 49.9758



185.4990, -40.1790, 53.9364



168.2380, -11.4563, -58.9677



147.6440, 52.9265, -129.4838



# Rectangle

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



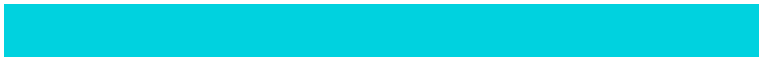
192.0150, 17.7406, 49.9758



182.2100, -14.8935, 63.8368



168.2380, -11.4563, -58.9677



148.6920, 36.6338, -130.4029

# Sweetspot

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



192.0150, 17.7406, 49.9758



237.8800, 5.4822, 15.0142



172.5820, 37.6741, 2.9976



117.5650, 3.1725, 9.1515



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.



192.0150, 17.7406, 49.9758



184.5310, 21.9232, 61.8013



186.7710, -2.3521, 54.5748



117.0270, 2.4517, 6.9923



73.1550, 35.9126, 101.5961



23.5970, 11.5377, 32.8024



# Inverse Universe

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



192.0150, 17.7406, 49.9758



184.5310, 21.9232, 61.8013



218.2290, 2.3521, -54.5748



117.0270, 2.4517, 6.9923



73.1550, 35.9126, 101.5961



23.5970, 11.5377, 32.8024



# Previews

## White Background



This preview shows how the YUV color 192.0150, 17.7406, 49.9758 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

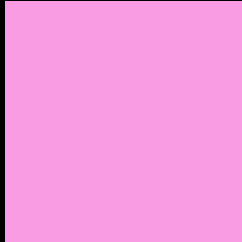
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.0150, 17.7406, 49.9758 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

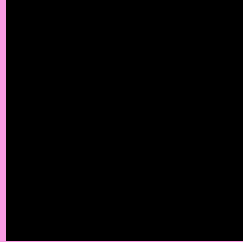
Any Text WCAG AA ✓ Pass

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 192.0150, 17.7406, 49.9758 Background



This preview shows how black text looks on a background with the YUV color 192.0150, 17.7406, 49.9758.



This preview shows how white text looks on a background with the YUV color 192.0150, 17.7406,

49.9758.

# 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

192.0150, 17.7406, 49.9758

### Protanopia

187.5120, 30.3136, -16.2350

### Deuteranopia

189.0550, 16.7349, -0.9252



## Tritanopia

190.3910, -6.1088, 46.1381

# Trichromacy



## Original Color

192.0150, 17.7406, 49.9758



## Protanomaly

188.8140, 25.7277, 8.0561



## Deuteranomaly

189.9910, 17.2594, 17.5479



## Tritanomaly

190.6930, 2.6164, 47.6272

# Monochromacy



## Original Color

192.0150, 17.7406, 49.9758



## Achromatopsia

192.0000, 0.0000, 0.0000



## Achromatomaly

192.1300, 6.3449, 18.3030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.0150, 17.7406, 49.9758 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(249, 156, 228)` looks like.

```
.text, #text, p{  
    color:rgb(249, 156, 228)  
}
```

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(249, 156, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 156, 228) }
```

## Border

The CSS property to change the border of an element to YUV 192.0150, 17.7406, 49.9758 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(249, 156, 228) }
```



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

```
.border{ border-color:rgb(249, 156, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 156, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 156, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 156, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 156,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 192.0150, 17.7406, 49.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 156, 228) }
```

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

```
.background{ background-color: rgb(249,  
156, 228) }
```

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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