

# Converting Colors

YUV(191.9540, 16.7847,  
29.8583)

Have a look what the booklet for  
YUV(191.9540, 16.7847, 29.8583)  
contains.

<b>YUV(191.9540, 16.7847, 29.8583)</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(191.9540, 16.7847,  
29.8583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2A8E2
RGB	226, 168, 226
RGB Percent	89%, 66%, 89%
CMY	0.1137, 0.3412, 0.1137
CMYK	0.00, 0.26, 0.00, 0.11
HSL	300°, 50%, 77%
HSV	300°, 26%, 89%
XYZ	59.0941, 49.6650, 78.4232
YIQ	191.9540, 15.9500, 30.3340

# Conversions

## Conversions Part 2

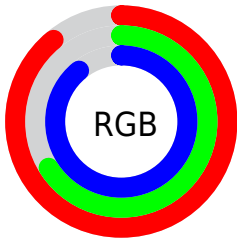
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 168, 226
Decimal	14854370
CIE Lab	75.86, 30.79, -20.89
CIE LCh	76, 37.206, 325.838
Yxy	49.6650, 0.3157, 0.2653
Android (android.graphics.Color)	4293044450 (0xFFE2A8E2)
YUV	191.9540, 16.7847, 29.8583
Hunter-Lab	70.4734, 26.3493, -16.6469

# Details

The YUV color **191.9540, 16.7847, 29.8583** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.0460, -16.7847, -29.8583**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **137.8290, 16.3533, 28.2140** is the 20% darker color. If you saturate the color by 10%, you get **178.4530, 23.4407, 41.6987**, and if you desaturate by 10%, it is **205.4550, 10.1287, 18.0180**.

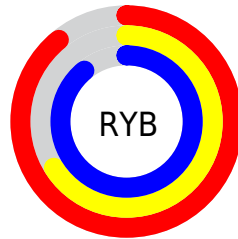
# Distribution



Red (89%)

Green (66%)

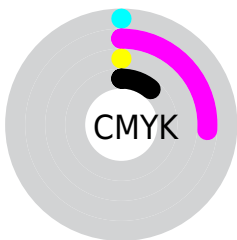
Blue (89%)



Red (89%)

Yellow (66%)

Blue (89%)

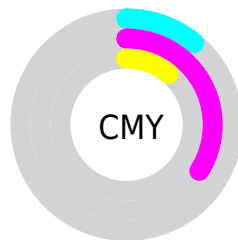


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (34%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 191.9540, 16.7847, 29.8583 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 191.9540, 16.7847, 29.8583 by changing the saturation by 10% instead.




 191.9540, 16.7847,  
29.8583

 191.9540, 16.7847,  
29.8583


255.0000, 0.0000,  
0.0000


 164.5410, 16.4953,  
29.3435


 236.8030, 8.9711,  
15.9588


 137.8290, 16.3533,  
28.2140

 253.2390, 0.8682,  
1.5444

 112.0030, 15.7745,  
27.1844

 87.1770, 15.1957,  
26.1548

 62.4650, 15.0538,  
25.0252

 39.1660, 15.2012,  
24.4104

 18.2150, 14.1910,

21.7364

■ 8.0470, 8.8508,  
7.8518

■ 0.0000, 0.0000,  
0.0000

■ 191.9540, 16.7847,  
29.8583

■ 191.9540, 16.7847,  
29.8583

■ 178.4530, 23.4407,  
41.6987

■ 205.4550, 10.1287,  
18.0180

■ 165.5390, 29.8073,  
53.0243

■ 218.3690, 3.7621,  
6.6924

■ 152.0380, 36.4633,  
64.8647

■ 231.8700, -2.8939,  
-5.1480

■ 139.1240, 42.8299,  
76.1903

■ 243.0230, -8.3923,  
-14.9292

■ 125.6230, 49.4859,  
88.0306

■ 112.1220, 56.1419,  
99.8710

■ 99.2080, 62.5085,  
111.1966

■ 93.3380, 65.4024,  
116.3446

# Harmonies

## Analogous

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



189.3610, 29.4020, -3.8246



191.9540, 16.7847, 29.8583



191.2590, 0.8583, 51.5159

# Triad

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



191.9540, 16.7847, 29.8583



185.1580, -33.1089, 26.1714



163.4970, 25.8840, -89.0129

# Complementary

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



191.9540, 16.7847, 29.8583



202.0460, -16.7847, -29.8583

# 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.



169.9720, 5.4368, -63.9964



191.9540, 16.7847, 29.8583



181.8340, -28.5122, -1.6084

# Square

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



191.9540, 16.7847, 29.8583



187.3700, -27.7904, 47.0335



176.8930, -14.7372, -33.2322



169.3100, 36.3292, -79.2019



# Rectangle

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



191.9540, 16.7847, 29.8583



190.1320, -9.9251, 56.8892



176.8930, -14.7372, -33.2322



165.5210, 19.4631, -82.8949

# Sweetspot

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



191.9540, 16.7847, 29.8583



243.2600, 5.7878, 10.2960



174.6120, 25.3343, -5.7987



120.3690, 3.7621, 6.6924



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.



191.9540, 16.7847, 29.8583



208.6270, 22.8619, 40.6691



188.6480, 4.1175, 32.7577



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104



# Inverse Universe

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



191.9540, 16.7847, 29.8583



208.6270, 22.8619, 40.6691



205.3520, -4.1175, -32.7577



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046

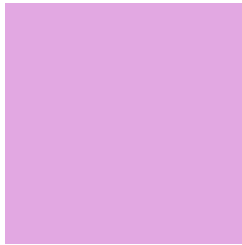


19.8240, 13.8908, 24.7104



# Previews

## White Background



This preview shows how the YUV color 191.9540, 16.7847, 29.8583 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

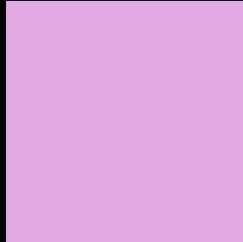
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.9540, 16.7847, 29.8583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

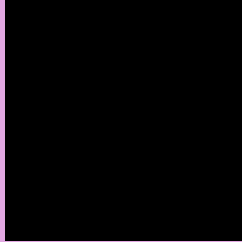
Any Text WCAG AA ✓ Pass

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 191.9540, 16.7847, 29.8583 Background



This preview shows how black text looks on a background with the YUV color 191.9540, 16.7847, 29.8583.



This preview shows how white text looks on a background with the YUV color 191.9540, 16.7847,



# 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

191.9540, 16.7847, 29.8583

### Protanopia

187.7530, 24.7718, -12.0614

### Deuteranopia

189.0550, 16.7349, -0.9252



## Tritanopia

190.3500, -0.6655, 26.8801

# Trichromacy



## Original Color

191.9540, 16.7847, 29.8583



## Protanomaly

189.4560, 21.9602, 3.1081



## Deuteranomaly

190.4200, 16.5549, 10.1557



## Tritanomaly

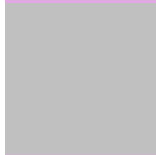
190.6690, 5.5862, 28.3543

# Monochromacy



## Original Color

191.9540, 16.7847, 29.8583



## Achromatopsia

192.0000, 0.0000, 0.0000



## Achromatomaly

191.6730, 6.0772, 10.8108

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.9540, 16.7847, 29.8583 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(226, 168, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 168, 226)  
}
```

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(226, 168, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 168, 226) }
```

## Border

The CSS property to change the border of an element to YUV 191.9540, 16.7847, 29.8583 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(226, 168, 226) }
```



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

```
.border{ border-color:rgb(226, 168, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 168, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 168, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 168, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 168,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 191.9540, 16.7847, 29.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 168, 226) }
```

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

```
.background{ background-color: rgb(226,  
168, 226) }
```

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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