

# Converting Colors

YUV(93.4700, 54.9843, 97.8118)

Have a look what the booklet for  
YUV(93.4700, 54.9843, 97.8118)  
contains.

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# Color

**YUV(93.4700, 54.9843,  
97.8118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD0FCD
RGB	205, 15, 205
RGB Percent	80%, 6%, 80%
CMY	0.1961, 0.9412, 0.1961
CMYK	0.00, 0.93, 0.00, 0.20
HSL	300°, 86%, 43%
HSV	300°, 93%, 80%
XYZ	36.3671, 17.7286, 59.2628
YIQ	93.4700, 52.2500, 99.3700

# Conversions

## Conversions Part 2

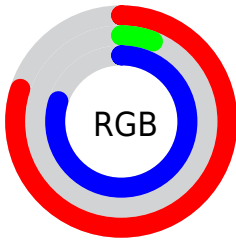
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 15, 205
Decimal	13438925
CIE <sub>Lab</sub>	49.17, 82.10, -50.94
CIE <sub>LCh</sub>	49, 96.623, 328.183
Yxy	17.7286, 0.3208, 0.1564
Android (android.graphics.Color)	4291629005 (0xFFCD0FCD)
YUV	93.4700, 54.9843, 97.8118
Hunter-Lab	42.1053, 80.4894, -53.9764

# Details

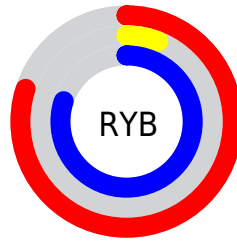
The YUV color **93.4700, 54.9843, 97.8118** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **126.5300, -54.9843, -97.8118**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2540, 45.7238, 81.3382**, and **60.7540, 43.9983, 74.7607** is the 20% darker color. If you saturate the color by 10%, you get **84.6650, 59.3252, 105.5338**, and if you desaturate by 10%, it is **105.7970, 48.9071, 87.0010**.

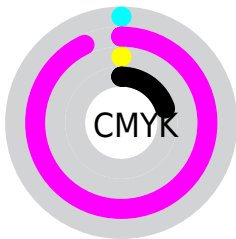
# Distribution



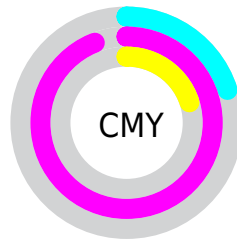
- Red (80%)
- Green (6%)
- Blue (80%)



- Red (80%)
- Yellow (6%)
- Blue (80%)



- Cyan (0%)
- Magenta (93%)
- Yellow (0%)
- Black (20%)




- Cyan (20%)
- Magenta (94%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 93.4700, 54.9843, 97.8118 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 93.4700, 54.9843, 97.8118 by changing the saturation by 10% instead.





 93.4700, 54.9843,  
97.8118


 93.4700, 54.9843,  
97.8118

255.0000, 0.0000,  
0.0000


 72.5030, 51.5170,  
89.8899


 162.2540, 45.7238,  
81.3382


 60.7540, 43.9983,  
74.7607


 179.8640, 37.0420,  
65.8943


 49.0050, 36.4795,  
59.6316


 197.4740, 28.3603,  
50.4503

 37.4840, 29.8344,  
44.3025

 215.0840, 19.6786,  
35.0063

 26.8600, 22.7470,  
30.8178

 232.6940, 10.9969,  
19.5624

 14.9690, 17.2703,  
14.0592

 250.3040, 2.3151,

 3.6650, 11.5042,

4.1184

-3.2142

■ 0.0000, 0.0000,  
0.0000

■ 93.4700, 54.9843,  
97.8118

■ 93.4700, 54.9843,  
97.8118

■ 84.6650, 59.3252,  
105.5338

■ 105.7970, 48.9071,  
87.0010

■ 117.5370, 43.1193,  
76.7051

■ 129.8640, 37.0420,  
65.8943

■ 141.6040, 31.2542,  
55.5983

■ 153.9310, 25.1770,  
44.7875

■ 165.6710, 19.3892,  
34.4915

■ 177.9980, 13.3120,  
23.6808

■ 189.7380, 7.5242,  
13.3848

■ 202.0650, 1.4470,  
2.5740

# Harmonies

## Analogous

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



107.2380, 72.8467, -31.7807



93.4700, 54.9843, 97.8118



88.8150, 18.3322, 140.4822

# Triad

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



93.4700, 54.9843, 97.8118



110.2840, -54.3700, 32.1999



109.4650, 41.1828, -96.0008

# Complementary

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



93.4700, 54.9843, 97.8118



126.5300, -54.9843, -97.8118

# 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.



98.7150, 5.0705, -86.5731



93.4700, 54.9843, 97.8118



97.1960, -47.9176, -30.8669

# Square

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



93.4700, 54.9843, 97.8118



103.5700, -51.0600, 90.7081



84.1690, -40.5093, -73.8162



114.1850, 69.4218, -100.1402



# Rectangle

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



93.4700, 54.9843, 97.8118



83.2570, -5.5497, 147.1106



84.1690, -40.5093, -73.8162



106.3870, 29.3892, -93.3014

# Sweetspot

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



93.4700, 54.9843, 97.8118



213.3230, 20.5468, 36.5507



36.6600, 82.9916, -18.9958



102.1720, 12.7332, 22.6512



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.



93.4700, 54.9843, 97.8118



105.3150, 73.7947, 131.2737



82.6400, 13.4885, 107.3097



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624



# Inverse Universe

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



93.4700, 54.9843, 97.8118



105.3150, 73.7947, 131.2737



137.3600, -13.4885, -107.3097



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624



# Previews

## White Background



This preview shows how the YUV color 93.4700, 54.9843, 97.8118 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

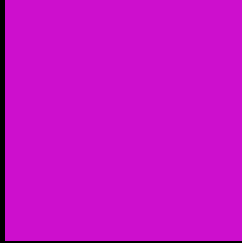
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 93.4700, 54.9843, 97.8118 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

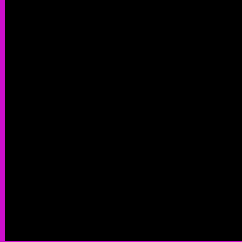
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 93.4700, 54.9843, 97.8118

## Background



This preview shows how black text looks on a background with the YUV color 93.4700, 54.9843, 97.8118.



This preview shows how white text looks on a background with the YUV color 93.4700, 54.9843,



# 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

93.4700, 54.9843, 97.8118

### Protanopia

94.3920, 72.2777, -82.7818

### Deuteranopia

112.4970, 39.6880, -36.3929



## Tritanopia

114.8730, -13.7414, 67.6404

# Trichromacy



## Original Color

93.4700, 54.9843, 97.8118



## Protanomaly

94.2030, 65.9619, -16.8410



## Deuteranomaly

105.8850, 44.9197, 12.3789



## Tritanomaly

107.1820, 11.2493, 78.7704

# Monochromacy



## Original Color

93.4700, 54.9843, 97.8118



## Achromatopsia

93.0000, 0.0000, 0.0000



## Achromatomaly

93.4970, 19.9680, 35.5211

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.4700, 54.9843, 97.8118 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(205, 15, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 15, 205)  
}
```

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(205, 15, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 15, 205) }
```

## Border

The CSS property to change the border of an element to YUV 93.4700, 54.9843, 97.8118 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(205, 15, 205) }
```



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

```
.border{ border-color:rgb(205, 15, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 15, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 15, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 15, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 15,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 93.4700, 54.9843, 97.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 15, 205) }
```

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

```
.background{ background-color: rgb(205, 15,  
205) }
```

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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