

# Converting Colors

YUV(163.8940, 4.4893, 53.5900)

Have a look what the booklet for  
YUV(163.8940, 4.4893, 53.5900)  
contains.

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# Color

**YUV(163.8940, 4.4893,  
53.5900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E183AD
RGB	225, 131, 173
RGB Percent	88%, 51%, 68%
CMY	0.1176, 0.4863, 0.3216
CMYK	0.00, 0.42, 0.23, 0.12
HSL	333°, 61%, 70%
HSV	333°, 42%, 88%
XYZ	46.7105, 35.2573, 43.8786
YIQ	163.8940, 42.5420, 32.9900

# Conversions

## Conversions Part 2

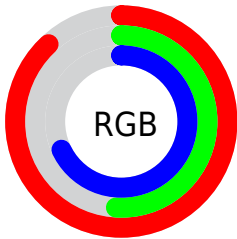
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 131, 173
Decimal	14779309
CIE Lab	65.95, 41.35, -6.44
CIE LCh	66, 41.846, 351.151
Yxy	35.2573, 0.3712, 0.2802
Android (android.graphics.Color)	4292969389 (0xFFE183AD)
YUV	163.8940, 4.4893, 53.5900
Hunter-Lab	59.3778, 36.5085, -2.2492

# Details

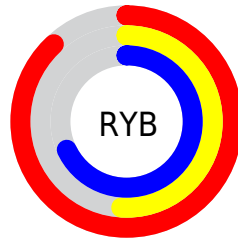
The YUV color **163.8940, 4.4893, 53.5900** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.1060, -4.4893, -53.5900**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4190, 8.1744, 38.2205**, and **110.3990, 5.2263, 50.5161** is the 20% darker color. If you saturate the color by 10%, you get **149.6120, 5.6143, 66.1153**, and if you desaturate by 10%, it is **178.7630, 3.0748, 40.5498**.

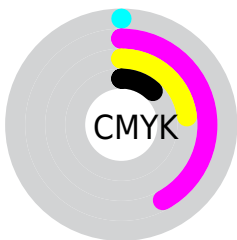
# Distribution



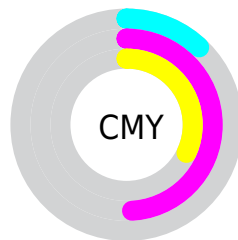
- Red (88%)
- Green (51%)
- Blue (68%)



- Red (88%)
- Yellow (51%)
- Blue (68%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (12%)



- Cyan (12%)
- Magenta (49%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 163.8940, 4.4893, 53.5900 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 163.8940, 4.4893, 53.5900 by changing the saturation by 10% instead.




 163.8940, 4.4893,  
53.5900


 163.8940, 4.4893,  
53.5900


255.0000, 0.0000,  
0.0000


 136.8830, 4.4947,  
51.8456

 211.4190, 8.1744,  
38.2205


 110.3990, 5.2263,  
50.5161

 230.9330, 11.8650,  
21.1068

 83.9150, 5.9579,  
49.1865

 247.9560, 3.4727,  
6.1776

 57.8440, 6.9789,  
48.3718

 31.4140, 9.1629,  
47.8719

 21.2460, 3.8227,  
33.9873

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,  
0.0000

■ 163.8940, 4.4893,  
53.5900

■ 163.8940, 4.4893,  
53.5900

■ 149.6120, 5.6143,  
66.1153

■ 178.7630, 3.0748,  
40.5498

■ 134.6290, 6.5919,  
79.2554

■ 193.1590, 2.3866,  
27.9246

■ 120.3470, 7.7169,  
91.7807

■ 208.0280, 0.9722,  
14.8844

■ 105.3640, 8.6945,  
104.9208

■ 222.4240, 0.2840,  
2.2592

■ 91.0820, 9.8196,  
117.4461

■ 236.7060, -0.8411,  
-10.2662

■ 78.7890, 10.9500,  
128.2270

■ 245.2320, 1.3646,  
-17.7435

■ 246.0300, 4.4222,  
-18.4433

# Harmonies

## Analogous

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



165.0830, 21.1581, 27.1142



163.8940, 4.4893, 53.5900



161.6550, -13.1409, 61.6926

# Triad

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



163.8940, 4.4893, 53.5900



154.4170, -32.7436, 2.2653



128.1640, 44.2891, -112.3998

# Complementary

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



163.8940, 4.4893, 53.5900



192.1060, -4.4893, -53.5900

# 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.



126.8640, 29.1540, -111.2597



163.8940, 4.4893, 53.5900



149.5790, -18.5264, -31.2028

# Square

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



163.8940, 4.4893, 53.5900



158.0940, -36.0353, 31.4896



138.5750, 4.1535, -72.4183



147.4290, 42.6795, -62.6432



# Rectangle

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



163.8940, 4.4893, 53.5900



160.8750, -23.6024, 57.1146



138.5750, 4.1535, -72.4183



128.3120, 39.7792, -112.5296

# Sweetspot

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



163.8940, 4.4893, 53.5900



233.5770, 1.6875, 18.7880



157.2640, 33.3938, 22.5705



114.3050, 0.8356, 12.0105



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.



163.8940, 4.4893, 53.5900



172.3570, 5.7400, 72.4779



162.0410, -15.3032, 55.2150



104.8590, 0.5625, 6.2627



61.6300, 8.5634, 100.3025



16.8600, 2.5340, 27.3098



# Inverse Universe

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



163.8940, 4.4893, 53.5900



172.3570, 5.7400, 72.4779



193.9590, 15.3032, -55.2150



104.8590, 0.5625, 6.2627



61.6300, 8.5634, 100.3025



16.8600, 2.5340, 27.3098



# Previews

## White Background



This preview shows how the YUV color 163.8940, 4.4893, 53.5900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

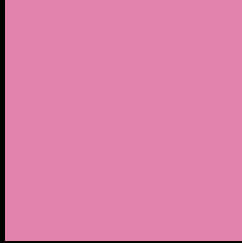
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 163.8940, 4.4893, 53.5900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

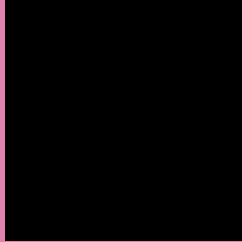
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 163.8940, 4.4893, 53.5900

## Background



This preview shows how black text looks on a background with the YUV color 163.8940, 4.4893, 53.5900.



This preview shows how white text looks on a background with the YUV color 163.8940, 4.4893,



# 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

163.8940, 4.4893, 53.5900

### Protanopia

161.1530, 14.7146, -6.2732

### Deuteranopia

162.5650, 3.1725, 9.1515



## Tritanopia

162.8540, -8.3090, 51.8710

# Trichromacy



## Original Color

163.8940, 4.4893, 53.5900

## Protanomaly

162.2590, 10.7183, 15.5589

## Deuteranomaly

163.0770, 3.4130, 25.3655

## Tritanomaly

163.1190, -3.5097, 52.5156

# Monochromacy



## Original Color

163.8940, 4.4893, 53.5900

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

163.8760, 1.5401, 19.4027

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 163.8940, 4.4893, 53.5900 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(225, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(225, 131, 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(225, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 131, 173) }
```

## Border

The CSS property to change the border of an element to YUV 163.8940, 4.4893, 53.5900 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(225, 131, 173) }
```



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

```
.border{ border-color:rgb(225, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(225, 131,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 163.8940, 4.4893, 53.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 131, 173) }
```

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

```
.background{ background-color: rgb(225,  
131, 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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