

# Converting Colors

YUV(192.2980, -1.6259,  
54.9897)

Have a look what the booklet for  
YUV(192.2980, -1.6259, 54.9897)  
contains.

<b>YUV(192.2980, -1.6259, 54.9897)</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(192.2980, -1.6259,  
54.9897)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA1BD
RGB	255, 161, 189
RGB Percent	100%, 63%, 74%
CMY	0.0000, 0.3686, 0.2588
CMYK	0.00, 0.37, 0.26, 0.00
HSL	342°, 100%, 82%
HSV	342°, 37%, 100%
XYZ	63.1702, 50.4239, 54.5475
YIQ	192.2980, 47.0360, 28.6360

# Conversions

## Conversions Part 2

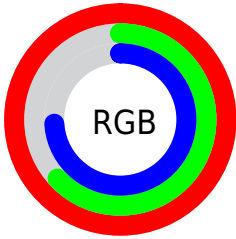
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 161, 189
Decimal	16753085
CIE Lab	76.33, 38.37, 0.34
CIE LCh	76, 38.376, 0.514
Yxy	50.4239, 0.3757, 0.2999
Android (android.graphics.Color)	4294943165 (0xFFFFA1BD)
YUV	192.2980, -1.6259, 54.9897
Hunter-Lab	71.0098, 34.5263, 4.1621

# Details

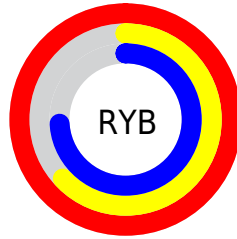
The YUV color  $192.2980, -1.6259, 54.9897$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $223.7020, 1.6259, -54.9897$ , and the grayscale version is  $192.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $231.5540, 6.6289, 20.5621$ , and  $137.5040, -0.7415, 51.3010$  is the 20% darker color. If you saturate the color by 10%, you get  $174.9840, -1.9641, 70.1740$ , and if you desaturate by 10%, it is  $209.6120, -1.2877, 39.8053$ .

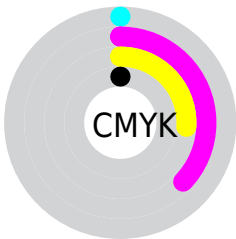
# Distribution



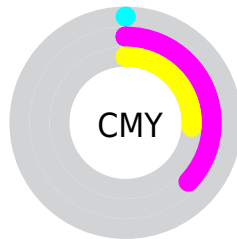
- Red (100%)
- Green (63%)
- Blue (74%)



- Red (100%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (37%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.2980, -1.6259, 54.9897 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 192.2980, -1.6259, 54.9897 by changing the saturation by 10% instead.



 192.2980, -1.6259,  
54.9897


 192.2980, -1.6259,  
54.9897


255.0000, 0.0000,  
0.0000


 164.4010, -1.1837,  
53.1453


 231.5540, 6.6289,  
20.5621


 137.5040, -0.7415,  
51.3010

 249.7170, 2.6045,  
4.6332

 110.9060, -0.4467,  
50.0714

 85.1230, 0.4324,  
48.1271

 59.1660, 1.8902,  
47.2124

 30.9750, 4.9423,  
48.2569

 20.3340, 0.3283,

34.7871

■ 10.8780, -4.8699,  
22.0320

■ 0.0000, 0.0000,  
0.0000

■ 192.2980, -1.6259,  
54.9897

■ 192.2980, -1.6259,  
54.9897

■ 174.9840, -1.9641,  
70.1740

■ 209.6120, -1.2877,  
39.8053

■ 158.2570, -2.5917,  
84.8436

■ 226.3390, -0.6601,  
25.1357

■ 140.9430, -2.9299,  
100.0280

■ 243.6530, -0.3219,  
9.9513

■ 124.2160, -3.5575,  
114.6976

■ 255.0000, 0.0000,  
0.0000

■ 106.9020, -3.8957,  
129.8819

■ 90.2890, -4.0865,  
144.4515

■ 84.9090, -4.3921,  
149.1698

# Harmonies

## Analogous

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



193.5310, 15.0212, 35.4913



192.2980, -1.6259, 54.9897



190.0690, -17.7820, 56.9445

# Triad

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



192.2980, -1.6259, 54.9897



182.0290, -27.6223, -7.0414



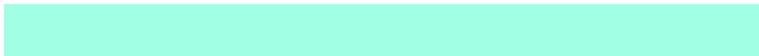
170.5920, 38.6551, -78.5722

# Complementary

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



192.2980, -1.6259, 54.9897



223.7020, 1.6259, -54.9897

# 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.



162.1910, 29.9788, -95.7605



192.2980, -1.6259, 54.9897



176.5440, -12.1002, -39.0651

# Square

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



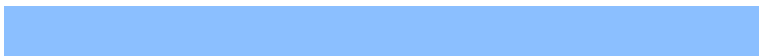
192.2980, -1.6259, 54.9897



185.6090, -33.8242, 22.2679



168.9540, 9.3897, -71.8737



182.7480, 35.6202, -38.3670



# Rectangle

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



192.2980, -1.6259, 54.9897



189.0330, -26.6383, 50.8371



168.9540, 9.3897, -71.8737



166.1840, 37.3773, -88.7384

# Sweetspot

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



192.2980, -1.6259, 54.9897



236.2840, -0.6330, 16.4139



191.4500, 31.3302, 31.1774



116.6530, -0.3219, 9.9513



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.



192.2980, -1.6259, 54.9897



180.2500, -2.0952, 65.5558



200.2590, -19.3547, 48.0079



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461



# Inverse Universe

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



192.2980, -1.6259, 54.9897



180.2500, -2.0952, 65.5558



215.7410, 19.3547, -48.0079



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237

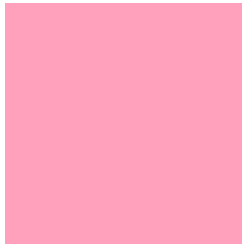


21.3020, -1.1349, 37.4461



# Previews

## White Background



This preview shows how the YUV color 192.2980, -1.6259, 54.9897 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

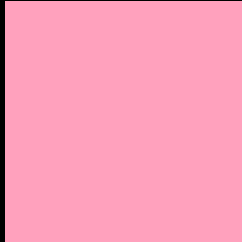
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.2980, -1.6259, 54.9897 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 192.2980, -1.6259, 54.9897

## Background



This preview shows how black text looks on a background with the YUV color 192.2980, -1.6259, 54.9897.



This preview shows how white text looks on a background with the YUV color 192.2980, -1.6259,



# 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

192.2980, -1.6259, 54.9897

### Protanopia

189.0520, 7.8624, -1.7996

### Deuteranopia

190.7030, -2.8116, 15.1695



## Tritanopia

191.6910, -7.7357, 54.6450

# Trichromacy



## Original Color

192.2980, -1.6259, 54.9897

## Protanomaly

190.5600, 4.1609, 18.8029

## Deuteranomaly

191.2040, -2.5656, 29.6391

## Tritanomaly

191.6740, -5.2623, 54.6599

# Monochromacy



## Original Color

192.2980, -1.6259, 54.9897

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

192.3060, -0.6439, 19.9026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.2980, -1.6259, 54.9897 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(255, 161, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 189)  
}
```

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(255, 161, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 189) }
```

## Border

The CSS property to change the border of an element to YUV 192.2980, -1.6259, 54.9897 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(255, 161, 189) }
```



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

```
.border{ border-color:rgb(255, 161, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 189); box-shadow:4px 4px 4px 4px rgb(255, 161, 189) }
```

# Background

The CSS property to change the background color of an element to YUV 192.2980, -1.6259, 54.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 189) }
```

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

```
.background{ background-color: rgb(255,  
161, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor