

# Converting Colors

YUV(192.6740, -5.2623,  
54.6599)

Have a look what the booklet for  
YUV(192.6740, -5.2623, 54.6599)  
contains.

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# Color

**YUV(192.6740, -5.2623,  
54.6599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA3B6
RGB	255, 163, 182
RGB Percent	100%, 64%, 71%
CMY	0.0000, 0.3608, 0.2863
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.7807, 50.8318, 50.7586
YIQ	192.6740, 48.7330, 25.4130

# Conversions

## Conversions Part 2

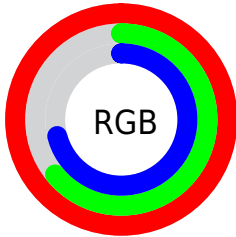
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 163, 182
Decimal	16753590
CIE Lab	76.58, 36.41, 4.54
CIE LCh	77, 36.687, 7.107
Yxy	50.8318, 0.3819, 0.3093
Android (android.graphics.Color)	4294943670 (0xFFFFA3B6)
YUV	192.6740, -5.2623, 54.6599
Hunter-Lab	71.2964, 32.4110, 7.6967

# Details

The YUV color **192.6740, -5.2623, 54.6599** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **225.3260, 5.2623, -54.6599**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9300, 2.9925, 20.2324**, and **137.8800, -4.3778, 50.9712** is the 20% darker color. If you saturate the color by 10%, you get **175.1320, -6.4741, 70.0442**, and if you desaturate by 10%, it is **209.6290, -3.7611, 39.7904**.

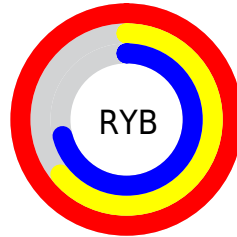
# Distribution



Red (100%)

Green (64%)

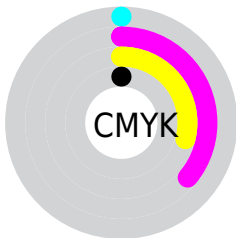
Blue (71%)



Red (100%)

Yellow (64%)

Blue (71%)

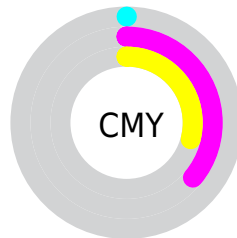


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.6740, -5.2623, 54.6599 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 192.6740, -5.2623, 54.6599 by changing the saturation by 10% instead.



 192.6740, -5.2623,  
54.6599


 192.6740, -5.2623,  
54.6599

255.0000, 0.0000,  
0.0000


 164.7770, -4.8201,  
52.8156


 231.9300, 2.9925,  
20.2324


 137.8800, -4.3778,  
50.9712

 250.8910, 2.0257,  
3.6036

 111.3960, -3.6462,  
49.6417

 85.6130, -2.7672,  
47.6974

 60.2430, -1.5988,  
46.2679

 32.7530, 1.6008,  
46.6976

 19.5360, -2.7292,

35.4869

■ 10.5790, -4.7224,  
21.4172

■ 0.0000, 0.0000,  
0.0000

■ 192.6740, -5.2623,  
54.6599

■ 192.6740, -5.2623,  
54.6599

■ 175.1320, -6.4741,  
70.0442

■ 209.6290, -3.7611,  
39.7904

■ 158.1770, -7.9753,  
84.9138

■ 227.1710, -2.5493,  
24.4060

■ 140.5210, -9.6239,  
100.3981

■ 244.2400, -0.6113,  
9.4365

■ 123.5660,  
-11.1250, 115.2676

■ 255.0000, 0.0000,  
0.0000

■ 106.0240,  
-12.3368, 130.6520

■ 89.0690, -13.8380,  
145.5215

■ 82.2870, -14.4385,  
151.4693

# Harmonies

## Analogous

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



194.1140, 10.7898, 39.3650



192.6740, -5.2623, 54.6599



191.3630, -20.3920, 54.0556

# Triad

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



192.6740, -5.2623, 54.6599



182.0220, -23.6748, -13.1743



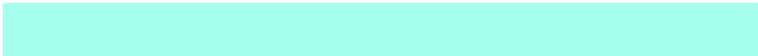
176.2130, 36.8700, -65.9618

# Complementary

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



192.6740, -5.2623, 54.6599



225.3260, 5.2623, -54.6599

# 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.



167.3600, 30.3885, -87.1387



192.6740, -5.2623, 54.6599



176.6620, -7.7214, -43.5536

# Square

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



192.6740, -5.2623, 54.6599



185.7330, -31.9134, 16.0202



169.5670, 13.0315, -73.2883



186.3580, 33.8405, -27.5010



# Rectangle

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



192.6740, -5.2623, 54.6599



189.6580, -27.9324, 45.9039



169.5670, 13.0315, -73.2883



172.2180, 35.8815, -75.6132

# Sweetspot

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



192.6740, -5.2623, 54.6599



236.0560, -1.5066, 16.6139



195.0160, 29.5721, 35.0660



116.4250, -1.1955, 10.1513



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.



192.6740, -5.2623, 54.6599



180.5120, -6.1684, 65.3260



205.7700, -21.0856, 43.1747



119.1150, -1.0427, 7.7921



61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460



# Inverse Universe

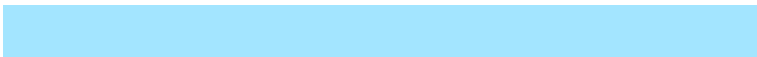
The Inverse Universe completely reimagines the original color for something new.



192.6740, -5.2623, 54.6599



180.5120, -6.1684, 65.3260



212.2300, 21.0856, -43.1747



119.1150, -1.0427, 7.7921



61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 192.6740, -5.2623, 54.6599 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

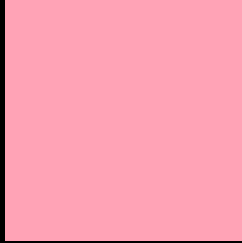
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.6740, -5.2623, 54.6599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

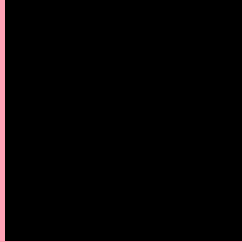
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 192.6740, -5.2623, 54.6599

## Background



This preview shows how black text looks on a background with the YUV color 192.6740, -5.2623, 54.6599.



This preview shows how white text looks on a background with the YUV color 192.6740, -5.2623,



# 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

192.6740, -5.2623, 54.6599

### Protanopia

189.8090, 3.0522, 1.0445

### Deuteranopia

191.1010, -6.4588, 18.3284



## Tritanopia

192.2780, -8.0251, 54.1302

# Trichromacy



## Original Color

192.6740, -5.2623, 54.6599



## Protanomaly

190.8330, 0.0823, 20.3175



## Deuteranomaly

191.8900, -6.3548, 31.6685



## Tritanomaly

192.5060, -7.1515, 53.9302

# Monochromacy



## Original Color

192.6740, -5.2623, 54.6599



## Achromatopsia

193.0000, 0.0000, 0.0000



## Achromatomaly

192.9640, -1.9543, 20.2026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.6740, -5.2623, 54.6599 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, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 182)  
}
```

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, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 182) }
```

## Border

The CSS property to change the border of an element to YUV 192.6740, -5.2623, 54.6599 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, 163, 182) }
```



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

```
.border{ border-color:rgb(255, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 163, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 163, 182); box-shadow:4px 4px 4px 4px rgb(255, 163, 182) }
```

# Background

The CSS property to change the background color of an element to YUV 192.6740, -5.2623, 54.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 182) }
```

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

```
.background{ background-color: rgb(255,  
163, 182) }
```

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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