

Converting Colors

YUV(193.4550, 0.2687, 53.9750)

Have a look what the booklet for
YUV(193.4550, 0.2687, 53.9750)
contains.

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Color

**YUV(193.4550, 0.2687,
53.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2C2
RGB	255, 162, 194
RGB Percent	100%, 64%, 76%
CMY	0.0000, 0.3647, 0.2392
CMYK	0.00, 0.36, 0.24, 0.00
HSL	339°, 100%, 82%
HSV	339°, 36%, 100%
XYZ	63.8979, 50.9957, 57.5143
YIQ	193.4550, 45.1560, 29.6680

Conversions

Conversions Part 2

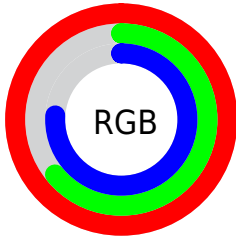
Format	Color
R _Y B	255, 162, 194
Decimal	16753346
CIE Lab	76.68, 38.54, -1.89
CIE LCh	77, 38.591, 357.200
Yxy	50.9957, 0.3706, 0.2958
Android (android.graphics.Color)	4294943426 (0xFFFFA2C2)
YUV	193.4550, 0.2687, 53.9750
Hunter-Lab	71.4113, 34.7499, 2.2360

Details

The YUV color **193.4550, 0.2687, 53.9750** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **223.5450, -0.2687, -53.9750**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7110, 8.5235, 19.5475**, and **138.8460, 0.5689, 51.0011** is the 20% darker color. If you saturate the color by 10%, you get **176.2550, 0.3673, 69.0594**, and if you desaturate by 10%, it is **210.0680, 0.4595, 39.4054**.

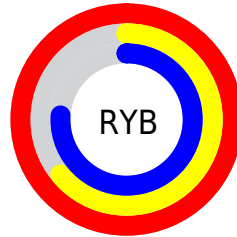
Distribution



Red (100%)

Green (64%)

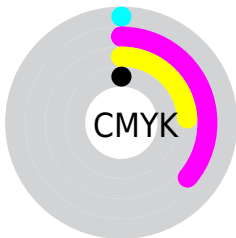
Blue (76%)



Red (100%)

Yellow (64%)

Blue (76%)

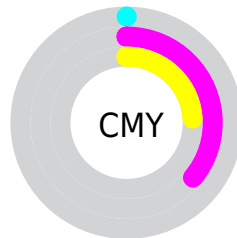


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4550, 0.2687, 53.9750 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 193.4550, 0.2687, 53.9750 by changing the saturation by 10% instead.


 193.4550, 0.2687,
53.9750

 193.4550, 0.2687,
53.9750

255.0000, 0.0000,
0.0000

 165.5580, 0.7109,
52.1306

 232.7110, 8.5235,
19.5475


 138.8460, 0.5689,
51.0011

 250.3040, 2.3151,
4.1184

 112.0630, 1.4479,
49.0567

 86.2800, 2.3270,
47.1124

 60.2090, 3.3480,
46.2977

 32.3170, 6.2527,
47.9570

 21.0890, 1.9281,

35.0019

■ 11.4760, -5.1647,
23.2615

■ 0.0000, 0.0000,
0.0000

■ 193.4550, 0.2687,
53.9750

■ 193.4550, 0.2687,
53.9750

■ 176.2550, 0.3673,
69.0594

■ 210.0680, 0.4595,
39.4054

■ 159.7560, 0.6133,
83.5290

■ 227.1540, -0.0759,
24.4209

■ 143.1430, 0.4225,
98.0986

■ 244.3540, -0.1745,
9.3365

■ 125.9430, 0.5211,
113.1830

■ 255.0000, 0.0000,
0.0000

■ 108.7430, 0.6197,
128.2674

■ 92.2440, 0.8657,
142.7370

■ 86.2770, 0.8494,
147.9701

Harmonies

Analogous

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



194.2640, 16.6318, 32.2175



193.4550, 0.2687, 53.9750



190.5250, -16.0348, 56.5446

Triad

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



193.4550, 0.2687, 53.9750



183.7090, -28.9435, -3.2528



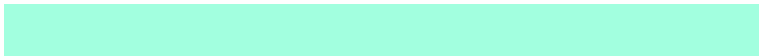
169.8580, 38.5240, -83.1905

Complementary

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



193.4550, 0.2687, 53.9750



223.5450, -0.2687, -53.9750

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.



163.4360, 28.3791, -95.9754



193.4550, 0.2687, 53.9750



178.5830, -14.5844, -35.5913

Square

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



193.4550, 0.2687, 53.9750



187.2180, -34.1245, 25.2418



170.6940, 7.0529, -69.0146



182.7150, 35.6365, -43.6001

Rectangle

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



193.4550, 0.2687, 53.9750



190.5710, -25.9175, 52.9962



170.6940, 7.0529, -69.0146



165.6350, 36.6619, -92.6419

Sweetspot

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



193.4550, 0.2687, 53.9750



236.5120, 0.2406, 16.2140



190.5420, 31.7778, 27.5887



116.7670, 0.1149, 9.8513



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.



193.4550, 0.2687, 53.9750



180.8200, 0.0887, 65.0559



198.0250, -17.7603, 49.9671



119.3430, -0.1691, 7.5922



64.6330, 0.6739, 110.8239



21.6440, 0.1755, 37.1462

Inverse Universe

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



193.4550, 0.2687, 53.9750



180.8200, 0.0887, 65.0559



218.9750, 17.7603, -49.9671



119.3430, -0.1691, 7.5922



64.6330, 0.6739, 110.8239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 193.4550, 0.2687, 53.9750 looks on a white background.

Color Contrast Check

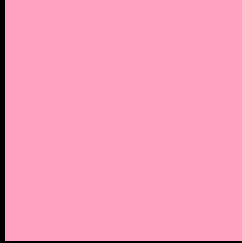
Large Text (above 18pt) WCAG AA × Fail

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 193.4550, 0.2687, 53.9750 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 193.4550, 0.2687, 53.9750

Background



This preview shows how black text looks on a background with the YUV color 193.4550, 0.2687, 53.9750.



This preview shows how white text looks on a background with the YUV color 193.4550, 0.2687, 53.9750.

53.9750.

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

193.4550, 0.2687, 53.9750

Protanopia

190.2090, 9.7570, -2.8143

Deuteranopia

191.8600, -0.9170, 14.1548



Tritanopia

192.6800, -7.7302, 52.9006

Trichromacy



Original Color

193.4550, 0.2687, 53.9750



Protanomaly

191.7170, 6.0555, 17.7882



Deuteranomaly

192.3610, -0.6710, 28.6244



Tritanomaly

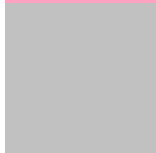
193.0760, -4.9675, 53.4303

Monochromacy



Original Color

193.4550, 0.2687, 53.9750



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4200, -0.2071, 19.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4550, 0.2687, 53.9750 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, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 194)  
}
```

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, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 194) }
```

Border

The CSS property to change the border of an element to YUV 193.4550, 0.2687, 53.9750 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, 162, 194) }
```


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

```
.border{ border-color:rgb(255, 162, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 193.4550, 0.2687, 53.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 194) }
```

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

```
.background{ background-color: rgb(255,  
162, 194) }
```

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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