

Converting Colors

YUV(192.7200, 5.0680, 54.6196)

Have a look what the booklet for
YUV(192.7200, 5.0680, 54.6196)
contains.

YUV(192.7200, 5.0680, 54.6196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(192.7200, 5.0680,
54.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FCB
RGB	255, 159, 203
RGB Percent	100%, 62%, 80%
CMY	0.0000, 0.3765, 0.2039
CMYK	0.00, 0.38, 0.20, 0.00
HSL	332°, 100%, 81%
HSV	332°, 38%, 100%
XYZ	64.4176, 50.3681, 62.8267
YIQ	192.7200, 43.0920, 34.0360

Conversions

Conversions Part 2

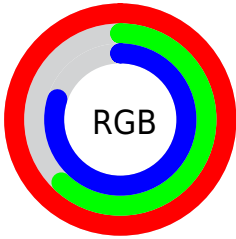
Format	Color
R _Y B	255, 159, 203
Decimal	16752587
CIE Lab	76.29, 41.37, -7.38
CIE LCh	76, 42.027, 349.893
Yxy	50.3681, 0.3627, 0.2836
Android (android.graphics.Color)	4294942667 (0xFFFF9FCB)
YUV	192.7200, 5.0680, 54.6196
Hunter-Lab	70.9705, 37.8204, -2.8073

Details

The YUV color **192.7200, 5.0680, 54.6196** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **221.2800, -5.0680, -54.6196**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **138.1110, 5.3683, 51.6457** is the 20% darker color. If you saturate the color by 10%, you get **175.8620, 6.4770, 69.4040**, and if you desaturate by 10%, it is **209.5780, 3.6590, 39.8351**.

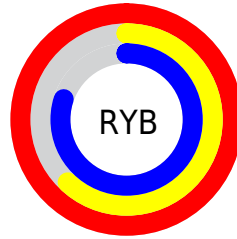
Distribution



Red (100%)

Green (62%)

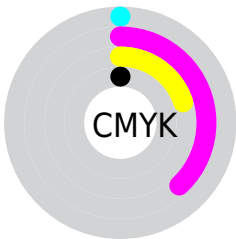
Blue (80%)



Red (100%)

Yellow (62%)

Blue (80%)

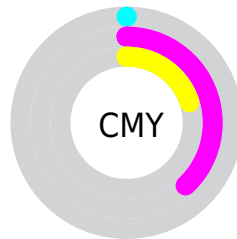


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 192.7200, 5.0680, 54.6196 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 192.7200, 5.0680, 54.6196 by changing the saturation by 10% instead.


 192.7200, 5.0680,
54.6196

 192.7200, 5.0680,
54.6196

255.0000, 0.0000,
0.0000

 164.8230, 5.5103,
52.7752


 231.5200, 11.5756,
20.5920


 138.1110, 5.3683,
51.6457

 248.5430, 3.1833,
5.6628

 111.2140, 5.8105,
49.8013

 84.7300, 6.5421,
48.4718

 58.6590, 7.5631,
47.6571

 31.9410, 9.8891,
48.2867

 21.7730, 4.5489,

34.4021

■ 11.8180, -3.8543,
22.9616

■ 0.0000, 0.0000,
0.0000

■ 192.7200, 5.0680,
54.6196

■ 192.7200, 5.0680,
54.6196

■ 175.8620, 6.4770,
69.4040

■ 209.5780, 3.6590,
39.8351

■ 159.5910, 7.5966,
83.6737

■ 225.8490, 2.5394,
25.5654

■ 142.8470, 9.4424,
98.3582

■ 242.5930, 0.6937,
10.8809

■ 126.5760, 10.5620,
112.6278

■ 255.0000, 0.0000,
0.0000

■ 109.7180, 11.9710,
127.4123

■ 93.4470, 13.0906,
141.6820

■ 89.5830, 13.5166,
145.0707

Harmonies

Analogous

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



193.4250, 22.4685, 26.8143



192.7200, 5.0680, 54.6196



188.2740, -11.9671, 58.5187

Triad

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



192.7200, 5.0680, 54.6196



182.7870, -33.9120, 3.6948



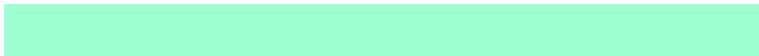
154.0600, 45.3264, -118.4476

Complementary

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



192.7200, 5.0680, 54.6196



221.2800, -5.0680, -54.6196

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.



151.7490, 30.1967, -119.0519



192.7200, 5.0680, 54.6196



177.5360, -19.9842, -30.2881

Square

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



192.7200, 5.0680, 54.6196



186.1760, -37.0618, 34.0486



169.0270, 1.9587, -68.4297



175.8160, 39.0377, -61.2286

Rectangle

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



192.7200, 5.0680, 54.6196



188.4730, -23.8972, 58.3442



169.0270, 1.9587, -68.4297



148.5270, 43.6172, -130.2582

Sweetspot

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



192.7200, 5.0680, 54.6196



236.8540, 1.5510, 15.9140



185.1930, 34.4149, 21.7557



116.9950, 0.9885, 9.6514



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.



192.7200, 5.0680, 54.6196



180.4270, 6.1985, 65.4005



189.4650, -15.0192, 57.4742



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Inverse Universe

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



192.7200, 5.0680, 54.6196



180.4270, 6.1985, 65.4005



224.5350, 15.0192, -57.4742



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 192.7200, 5.0680, 54.6196 looks on a white background.

Color Contrast Check

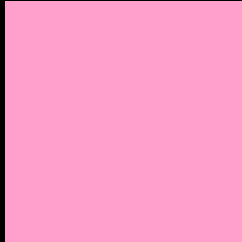
Large Text (above 18pt) WCAG AA × Fail

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 192.7200,
5.0680, 54.6196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

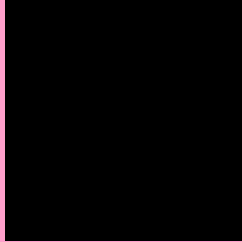
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.7200, 5.0680, 54.6196

Background



This preview shows how black text looks on a background with the YUV color 192.7200, 5.0680, 54.6196.



This preview shows how white text looks on a background with the YUV color 192.7200, 5.0680,

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

192.7200, 5.0680, 54.6196

Protanopia

189.3810, 15.5882, -6.4731

Deuteranopia

190.5050, 4.1880, 10.0811



Tritanopia

191.6800, -7.7302, 52.9006

Trichromacy



Original Color

192.7200, 5.0680, 54.6196



Protanomaly

190.7860, 11.4445, 15.9737



Deuteranomaly

191.0170, 4.4286, 26.2951



Tritanomaly

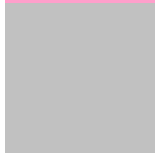
191.9450, -2.9309, 53.5452

Monochromacy



Original Color

192.7200, 5.0680, 54.6196



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7200, 5.0680, 54.6196 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, 159, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 203)  
}
```

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, 159, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 203) }
```

Border

The CSS property to change the border of an element to YUV 192.7200, 5.0680, 54.6196 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, 159, 203) }
```


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

```
.border{ border-color:rgb(255, 159, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 192.7200, 5.0680, 54.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 203) }
```

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

```
.background{ background-color: rgb(255,  
159, 203) }
```

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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