

Converting Colors

YUV(193.8820, 5.9742, 43.9535)

Have a look what the booklet for
YUV(193.8820, 5.9742, 43.9535)
contains.

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Color

**YUV(193.8820, 5.9742,
43.9535)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A6CE
RGB	244, 166, 206
RGB Percent	96%, 65%, 81%
CMY	0.0431, 0.3490, 0.1922
CMYK	0.00, 0.32, 0.16, 0.04
HSL	329°, 78%, 80%
HSV	329°, 32%, 96%
XYZ	62.0850, 50.9618, 64.9569
YIQ	193.8820, 33.6480, 28.9760

Conversions

Conversions Part 2

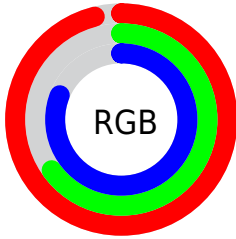
Format	Color
RYB	244, 166, 206
Decimal	16033486
CIELab	76.66, 34.45, -8.61
CIELCh	77, 35.512, 345.963
Yxy	50.9618, 0.3488, 0.2863
Android (android.graphics.Color)	4294223566 (0xFFFF4A6CE)
YUV	193.8820, 5.9742, 43.9535
Hunter-Lab	71.3875, 30.3116, -3.9779

Details

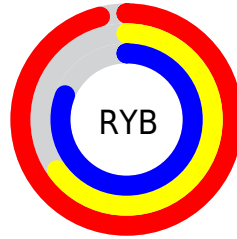
The YUV color **193.8820, 5.9742, 43.9535** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.1180, -5.9742, -43.9535**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6290, 9.5499, 16.9884**, and **139.5720, 6.1270, 41.5944** is the 20% darker color. If you saturate the color by 10%, you get **178.4260, 7.6780, 57.5084**, and if you desaturate by 10%, it is **209.3380, 4.2704, 30.3986**.

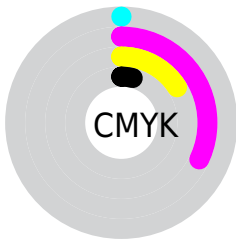
Distribution



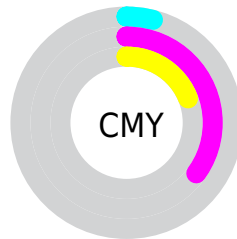
- Red (96%)
- Green (65%)
- Blue (81%)



- Red (96%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (32%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8820, 5.9742, 43.9535 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 193.8820, 5.9742, 43.9535 by changing the saturation by 10% instead.


 193.8820, 5.9742,
43.9535


 193.8820, 5.9742,
43.9535


255.0000, 0.0000,
0.0000


 166.1700, 5.8322,
42.8239


 235.6290, 9.5499,
16.9884

 139.5720, 6.1270,
41.5944

 252.6520, 1.1576,
2.0592

 113.5610, 6.1324,
39.8500

 87.9630, 6.4272,
38.6204

 62.4790, 7.1589,
37.2909

 37.1200, 8.3218,
37.6058

 20.2070, 6.3069,

30.5135

■ 10.7790, -1.3700,
19.4878

■ 0.0000, 0.0000,
0.0000

■ 193.8820, 5.9742,
43.9535

■ 193.8820, 5.9742,
43.9535

■ 178.4260, 7.6780,
57.5084

■ 209.3380, 4.2704,
30.3986

■ 162.3830, 9.6712,
71.5781

■ 225.3810, 2.2772,
16.3289

■ 146.9270, 11.3750,
85.1330

■ 240.8370, 0.5734,
2.7740

■ 130.8840, 13.3682,
99.2027

■ 251.5970, 1.1847,
-6.6626

■ 115.5420, 15.5088,
112.6577

■ 251.7110, 1.6215,
-6.7625

■ 100.0860, 17.2126,
126.2126

■ 87.2060, 18.6324,
137.5083

Harmonies

Analogous

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



193.8000, 20.3116, 18.5924



193.8820, 5.9742, 43.9535



192.5230, -9.6248, 53.9153

Triad

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



193.8820, 5.9742, 43.9535



185.5470, -29.8497, 7.4133



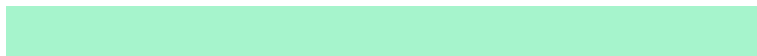
170.4580, 31.8192, -79.3317

Complementary

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



193.8820, 5.9742, 43.9535



216.1180, -5.9742, -43.9535

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.



169.8100, 17.8417, -76.1324



193.8820, 5.9742, 43.9535



181.2320, -18.8484, -21.2515

Square

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



193.8820, 5.9742, 43.9535



188.4730, -30.7992, 32.0342



175.8120, -1.8793, -50.7011



180.5460, 35.2268, -52.2218

Rectangle

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



193.8820, 5.9742, 43.9535



190.9930, -19.2235, 52.6261



175.8120, -1.8793, -50.7011



169.5240, 28.3357, -82.0205

Sweetspot

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



193.8820, 5.9742, 43.9535



238.9570, 1.9932, 14.0697



186.2540, 28.4688, 15.5632



117.6960, 1.1359, 9.0366



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.



193.8820, 5.9742, 43.9535



192.7030, 7.5414, 54.6345



189.4360, -11.0609, 47.8526



114.2720, 0.8519, 6.7775



66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Inverse Universe

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



193.8820, 5.9742, 43.9535



192.7030, 7.5414, 54.6345



220.5640, 11.0609, -47.8526



114.2720, 0.8519, 6.7775



66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 193.8820, 5.9742, 43.9535 looks on a white background.

Color Contrast Check

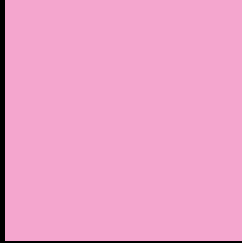
Large Text (above 18pt) WCAG AA × Fail

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 193.8820, 5.9742, 43.9535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

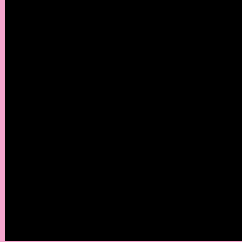
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.8820, 5.9742, 43.9535

Background



This preview shows how black text looks on a background with the YUV color 193.8820, 5.9742, 43.9535.



This preview shows how white text looks on a background with the YUV color 193.8820, 5.9742,

43.9535.

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

193.8820, 5.9742, 43.9535

Protanopia

190.4520, 14.5672, -5.6584

Deuteranopia

191.5480, 5.6458, 9.1664



Tritanopia

192.7110, -4.7875, 42.3495

Trichromacy



Original Color

193.8820, 5.9742, 43.9535



Protanomaly

191.7640, 11.4553, 12.4850



Deuteranomaly

192.0380, 5.8973, 21.8917



Tritanomaly

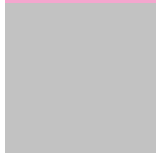
193.3350, -1.1512, 42.6792

Monochromacy



Original Color

193.8820, 5.9742, 43.9535



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9680, 1.9878, 15.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8820, 5.9742, 43.9535 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(244, 166, 206)` looks like.

```
.text, #text, p{  
    color:rgb(244, 166, 206)  
}
```

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(244, 166, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 166, 206) }
```

Border

The CSS property to change the border of an element to YUV 193.8820, 5.9742, 43.9535 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(244, 166, 206) }
```


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

```
.border{ border-color:rgb(244, 166, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 166, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 166, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 166, 206);  
box-shadow:4px 4px 4px 4px rgb(244, 166,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 193.8820, 5.9742, 43.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 166, 206) }
```

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

```
.background{ background-color: rgb(244,  
166, 206) }
```

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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