

Converting Colors

YUV(198.4940, -5.6665,
44.2938)

Have a look what the booklet for
YUV(198.4940, -5.6665, 44.2938)
contains.

YUV(198.4940, -5.6665, 44.2938)	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(198.4940, -5.6665,
44.2938)**

Conversions

Conversions Part 1

Format	Color
Hex	F9AFBB
RGB	249, 175, 187
RGB Percent	98%, 69%, 73%
CMY	0.0235, 0.3137, 0.2667
CMYK	0.00, 0.30, 0.25, 0.02
HSL	350°, 86%, 83%
HSV	350°, 30%, 98%
XYZ	63.3665, 54.3875, 54.1718
YIQ	198.4940, 40.2520, 19.4200

Conversions

Conversions Part 2

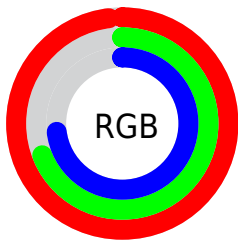
Format	Color
R_{YB}	249, 175, 187
Decimal	16363451
CIE _{Lab}	78.69, 28.66, 4.78
CIE _{LCh}	79, 29.055, 9.461
Yxy	54.3875, 0.3686, 0.3163
Android (android.graphics.Color)	4294553531 (0xFFF9AFBB)
YUV	198.4940, -5.6665, 44.2938
Hunter-Lab	73.7479, 24.3140, 8.0719

Details

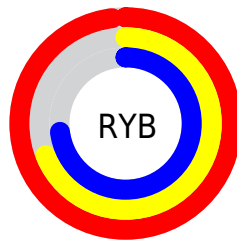
The YUV color **198.4940, -5.6665, 44.2938** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **225.5060, 5.6665, -44.2938**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5440, 1.7038, 13.5549**, and **143.9990, -4.9295, 41.2199** is the 20% darker color. If you saturate the color by 10%, you get **181.4250, -7.6045, 59.2633**, and if you desaturate by 10%, it is **215.5630, -3.7286, 29.3242**.

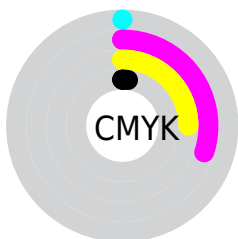
Distribution



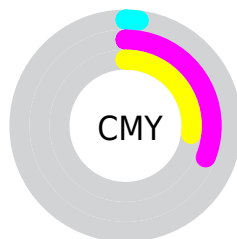
- Red (98%)
- Green (69%)
- Blue (73%)



- Red (98%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4940, -5.6665, 44.2938 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 198.4940, -5.6665, 44.2938 by changing the saturation by 10% instead.

 198.4940, -5.6665,
44.2938


 198.4940, -5.6665,
44.2938

255.0000, 0.0000,
0.0000


 170.8960, -5.3717,
43.0642


 239.5440, 1.7038,
13.5549

 143.9990, -4.9295,
41.2199

 117.5150, -4.1979,
39.8903

 92.5040, -4.1925,
38.1460

 67.7210, -3.3135,
36.2017

 44.0520, -1.9976,
34.1574

 20.0950, -0.5398,

33.2427

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,
0.0000

■ 198.4940, -5.6665,
44.2938

■ 198.4940, -5.6665,
44.2938

■ 181.4250, -7.6045,
59.2633

■ 215.5630, -3.7286,
29.3242

■ 164.3560, -9.5425,
74.2328

■ 232.6320, -1.7906,
14.3547

■ 147.2870,
-11.4805, 89.2023

■ 249.7010, 0.1474,
-0.6148

■ 130.3320,
-12.9817, 104.0718

■ 253.2060, 0.8844,
-3.6887

■ 113.2630,
-14.9197, 119.0413

■ 96.7810, -17.1470,
133.4961

■ 79.7120, -19.0850,
148.4656

■ 79.0110, -19.2324,
149.0804

Harmonies

Analogous

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



199.1580, 7.3171, 33.1874



198.4940, -5.6665, 44.2938



197.0950, -17.3018, 42.8897

Triad

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



198.4940, -5.6665, 44.2938



189.1130, -18.2967, -11.5001



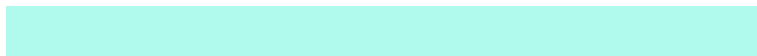
187.7550, 28.2218, -45.3891

Complementary

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



198.4940, -5.6665, 44.2938



225.5060, 5.6665, -44.2938

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.



182.4730, 22.4448, -59.1738



198.4940, -5.6665, 44.2938



185.4010, -5.1277, -35.4317

Square

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



198.4940, -5.6665, 44.2938



192.7200, -25.4980, 11.6466



182.2920, 10.2090, -54.6301



193.8770, 26.6826, -18.3091

Rectangle

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



198.4940, -5.6665, 44.2938



195.8570, -23.1005, 36.0824



182.2920, 10.2090, -54.6301



185.6680, 26.7857, -51.4518

Sweetspot

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



198.4940, -5.6665, 44.2938



239.3330, -1.6432, 13.7400



201.9740, 23.1838, 30.7178



117.8270, -0.9007, 8.9217



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.



198.4940, -5.6665, 44.2938



192.2180, -7.0095, 55.0598



211.8010, -18.1429, 32.6235



116.1150, -1.0427, 7.7921



60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Inverse Universe

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



198.4940, -5.6665, 44.2938



192.2180, -7.0095, 55.0598



212.1990, 18.1429, -32.6235



116.1150, -1.0427, 7.7921



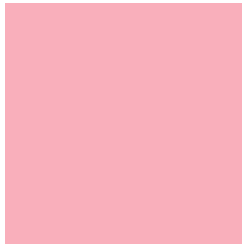
60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 198.4940, -5.6665, 44.2938 looks on a white background.

Color Contrast Check

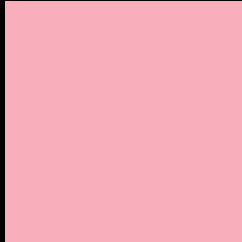
Large Text (above 18pt) WCAG AA × Fail

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 198.4940, -5.6665, 44.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

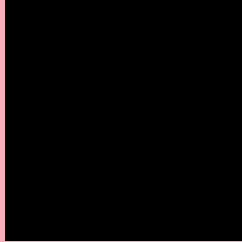
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.4940, -5.6665, 44.2938

Background



This preview shows how black text looks on a background with the YUV color 198.4940, -5.6665, 44.2938.



This preview shows how white text looks on a background with the YUV color 198.4940, -5.6665,

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

198.4940, -5.6665, 44.2938

Protanopia

195.6520, 1.1576, 2.0592

Deuteranopia

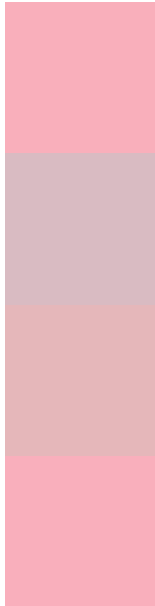
196.6280, -5.7326, 18.7432



Tritanopia

198.6080, -5.2297, 44.1938

Trichromacy



Original Color

198.4940, -5.6665, 44.2938

Protanomaly

196.7680, -1.3646, 17.7435

Deuteranomaly

197.0960, -5.4703, 27.9798

Tritanomaly

198.6080, -5.2297, 44.1938

Monochromacy



Original Color

198.4940, -5.6665, 44.2938

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.5290, -2.2328, 16.1991

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4940, -5.6665, 44.2938 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(249, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 175, 187)  
}
```

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(249, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 175, 187) }
```

Border

The CSS property to change the border of an element to YUV 198.4940, -5.6665, 44.2938 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(249, 175, 187) }
```


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

```
.border{ border-color:rgb(249, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 175,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 198.4940, -5.6665, 44.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 175, 187) }
```

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

```
.background{ background-color: rgb(249,  
175, 187) }
```

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