

Converting Colors

YUV(178.1090, -4.9837,
58.6634)

Have a look what the booklet for
YUV(178.1090, -4.9837, 58.6634)
contains.

YUV(178.1090, -4.9837, 58.6634)	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(178.1090, -4.9837,
58.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	F592A8
RGB	245, 146, 168
RGB Percent	96%, 57%, 66%
CMY	0.0392, 0.4275, 0.3412
CMYK	0.00, 0.40, 0.31, 0.04
HSL	347°, 83%, 77%
HSV	347°, 40%, 96%
XYZ	55.0030, 42.7974, 42.4075
YIQ	178.1090, 51.9420, 27.8300

Conversions

Conversions Part 2

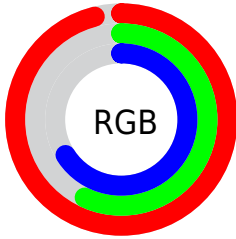
Format	Color
R _Y B	245, 146, 168
Decimal	16093864
CIE Lab	71.42, 39.87, 4.66
CIE LCh	71, 40.137, 6.670
Yxy	42.7974, 0.3923, 0.3052
Android (android.graphics.Color)	4294283944 (0xFF592A8)
YUV	178.1090, -4.9837, 58.6634
Hunter-Lab	65.4197, 35.5930, 7.3598

Details

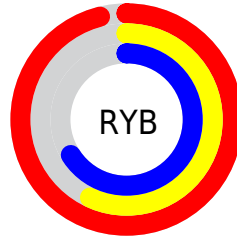
The YUV color **178.1090, -4.9837, 58.6634** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.8910, 4.9837, -58.6634**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6540, 1.6496, 30.9984**, and **123.4290, -3.6625, 54.8748** is the 20% darker color. If you saturate the color by 10%, you get **161.8550, -6.3375, 72.9182**, and if you desaturate by 10%, it is **194.9500, -3.9194, 43.8938**.

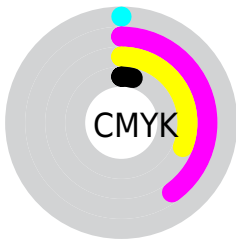
Distribution



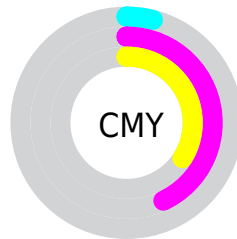
- Red (96%)
- Green (57%)
- Blue (66%)



- Red (96%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1090, -4.9837, 58.6634 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 178.1090, -4.9837, 58.6634 by changing the saturation by 10% instead.


 178.1090, -4.9837,
58.6634

 178.1090, -4.9837,
58.6634


255.0000, 0.0000,
0.0000


 150.3260, -4.1047,
56.7191


 219.6540, 1.6496,
30.9984


 123.4290, -3.6625,
54.8748

 239.9830, 5.9244,
13.1699

 97.6460, -2.7835,
52.9305

 71.2760, -1.6151,
51.5009

 44.2590, 0.8583,
51.5159

 25.6880, 0.1538,
44.1236

 15.9610, -7.3758,

32.4832

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 178.1090, -4.9837,
58.6634

■ 178.1090, -4.9837,
58.6634

■ 161.8550, -6.3375,
72.9182

■ 194.9500, -3.9194,
43.8938

■ 145.0140, -7.4019,
87.6877

■ 211.2040, -2.5656,
29.6391

■ 128.1730, -8.4663,
102.4573

■ 228.0450, -1.5012,
14.8695

■ 111.9190, -9.8201,
116.7120

■ 244.2990, -0.1474,
0.6148

■ 95.0780, -10.8845,
131.4816

■ 252.0100, 1.4741,
-6.1478

■ 79.4110, -12.5276,
145.2216

Harmonies

Analogous

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



180.1790, 12.2368, 41.9390



178.1090, -4.9837, 58.6634



176.1570, -21.2764, 57.7443

Triad

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



178.1090, -4.9837, 58.6634



167.4410, -25.8534, -14.4188



156.0910, 41.8601, -79.8868

Complementary

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



178.1090, -4.9837, 58.6634



212.8910, 4.9837, -58.6634

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.



138.0290, 38.9327, -121.0514



178.1090, -4.9837, 58.6634



160.9280, -7.8525, -48.1719

Square

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



178.1090, -4.9837, 58.6634



171.3480, -34.6816, 17.2348



148.9780, 16.2798, -88.5577



171.5360, 37.2038, -32.9191

Rectangle

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



178.1090, -4.9837, 58.6634



175.5120, -29.8324, 48.6630



148.9780, 16.2798, -88.5577



148.4970, 42.6460, -98.6599

Sweetspot

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



178.1090, -4.9837, 58.6634



234.0670, -1.5120, 18.3582



180.0100, 32.0401, 36.8252



115.8380, -0.9061, 10.6661



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.



178.1090, -4.9837, 58.6634



172.5560, -6.1901, 72.3034



190.8630, -22.1175, 47.4781



113.9300, -0.4585, 7.0774



60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721

Inverse Universe

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



178.1090, -4.9837, 58.6634



172.5560, -6.1901, 72.3034



200.1370, 22.1175, -47.4781



113.9300, -0.4585, 7.0774



60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721

Previews

White Background



This preview shows how the YUV color 178.1090, -4.9837, 58.6634 looks on a white background.

Color Contrast Check

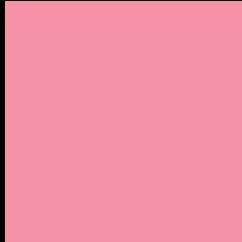
Large Text (above 18pt) WCAG AA × Fail

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 178.1090, -4.9837, 58.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

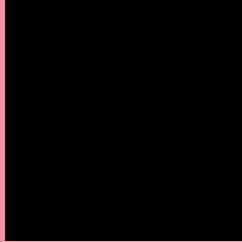
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.1090, -4.9837, 58.6634

Background



This preview shows how black text looks on a background with the YUV color 178.1090, -4.9837, 58.6634.



This preview shows how white text looks on a background with the YUV color 178.1090, -4.9837,

58.6634.

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

178.1090, -4.9837, 58.6634

Protanopia

175.7380, 4.0732, 0.2298

Deuteranopia

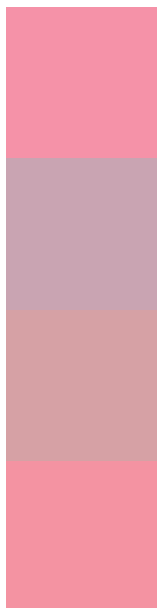
176.5030, -6.1640, 17.0989



Tritanopia

177.9580, -9.3463, 57.9188

Trichromacy



Original Color

178.1090, -4.9837, 58.6634

Protanomaly

176.6590, 0.6611, 21.3471

Deuteranomaly

177.3030, -6.0654, 32.1833

Tritanomaly

177.7130, -7.7465, 58.1337

Monochromacy



Original Color

178.1090, -4.9837, 58.6634

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6760, -1.8123, 21.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1090, -4.9837, 58.6634 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(245, 146, 168)` looks like.

```
.text, #text, p{  
    color:rgb(245, 146, 168)  
}
```

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(245, 146, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 146, 168) }
```

Border

The CSS property to change the border of an element to YUV 178.1090, -4.9837, 58.6634 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(245, 146, 168) }
```


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

```
.border{ border-color:rgb(245, 146, 168) }
```

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

Here you see how a box with a 4 pixel rgb(245, 146, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 146, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 146, 168);  
box-shadow:4px 4px 4px 4px rgb(245, 146,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 178.1090, -4.9837, 58.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 146, 168) }
```

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

```
.background{ background-color: rgb(245,  
146, 168) }
```

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