

Converting Colors

YUV(197.7090, 21.8355,
43.2282)

Have a look what the booklet for
YUV(197.7090, 21.8355, 43.2282)
contains.

YUV(197.7090, 21.8355, 43.2282)	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(197.7090, 21.8355,
43.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A4F2
RGB	247, 164, 242
RGB Percent	97%, 64%, 95%
CMY	0.0314, 0.3569, 0.0510
CMYK	0.00, 0.34, 0.02, 0.03
HSL	304°, 84%, 81%
HSV	304°, 34%, 97%
XYZ	67.6602, 52.7359, 90.6174
YIQ	197.7090, 24.4300, 41.8540

Conversions

Conversions Part 2

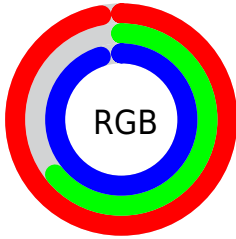
Format	Color
R _Y B	247, 164, 242
Decimal	16229618
CIE Lab	77.72, 42.49, -26.54
CIE LCh	78, 50.094, 328.006
Yxy	52.7359, 0.3206, 0.2499
Android (android.graphics.Color)	4294419698 (0xFFF7A4F2)
YUV	197.7090, 21.8355, 43.2282
Hunter-Lab	72.6195, 39.2260, -23.1507

Details

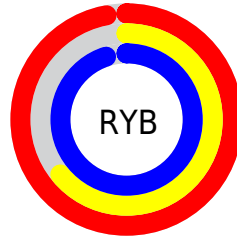
The YUV color **197.7090, 21.8355, 43.2282** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **213.2910, -21.8355, -43.2282**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **142.8720, 21.2621, 40.4543** is the 20% darker color. If you saturate the color by 10%, you get **182.9200, 28.6334, 56.1982**, and if you desaturate by 10%, it is **212.4980, 15.0375, 30.2583**.

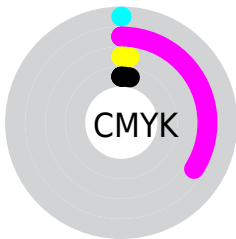
Distribution



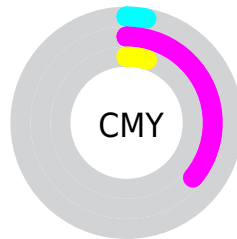
- Red (97%)
- Green (64%)
- Blue (95%)



- Red (97%)
- Yellow (64%)
- Blue (95%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.7090, 21.8355, 43.2282 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 197.7090, 21.8355, 43.2282 by changing the saturation by 10% instead.


 197.7090, 21.8355,
43.2282

 197.7090, 21.8355,
43.2282


255.0000, 0.0000,
0.0000


 169.9970, 21.6935,
42.0986


 234.4550, 10.1287,
18.0180


 142.8720, 21.2621,
40.4543

 251.4780, 1.7363,
3.0888

 116.4590, 20.9727,
39.9395

 89.7470, 20.8307,
38.8099

 64.4480, 20.9781,
38.1951

 35.0400, 23.1513,
41.1839

 23.7690, 17.3689,

29.1436

■ 14.9820, 10.8549,
18.4328

■ 2.0690, 5.3890,
-1.8145

■ 197.7090, 21.8355,
43.2282

■ 197.7090, 21.8355,
43.2282

■ 182.9200, 28.6334,
56.1982

■ 212.4980, 15.0375,
30.2583

■ 168.6040, 34.7052,
68.7533

■ 226.8140, 8.9657,
17.7031

■ 153.8150, 41.5032,
81.7232

■ 241.6030, 2.1677,
4.7332

■ 138.9120, 47.8644,
94.7932

■ 251.8100, -1.8783,
-4.2184

124.1230, 54.6624,
107.7631

251.9240, -1.4415,
-4.3183

109.8070, 60.7341,
120.3183

252.1520, -0.5679,
-4.5183

100.3010, 64.9276,
128.6550

252.2660, -0.1311,
-4.6183

252.4940, 0.7425,
-4.8182

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



192.4260, 30.8490, -1.2506



197.7090, 21.8355, 43.2282



189.1010, 3.8942, 57.7934

Triad

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



197.7090, 21.8355, 43.2282



188.0910, -44.9079, 30.6152



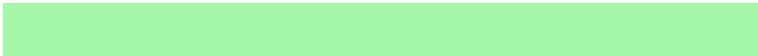
152.8810, 39.9917, -134.0766

Complementary

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



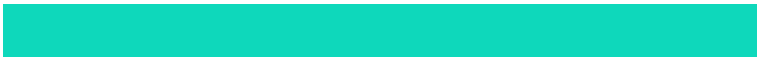
197.7090, 21.8355, 43.2282



213.2910, -21.8355, -43.2282

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.



152.2960, 17.1091, -121.2856



197.7090, 21.8355, 43.2282



183.3960, -37.6632, -6.4863

Square

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



197.7090, 21.8355, 43.2282



190.2050, -37.5691, 56.8252



176.0990, -17.3038, -50.0758



152.3400, 50.6114, -133.6022

Rectangle

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



197.7090, 21.8355, 43.2282



186.1540, -9.9359, 60.3779



176.0990, -17.3038, -50.0758



151.7580, 33.1503, -133.0918

Sweetspot

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



197.7090, 21.8355, 43.2282



240.0970, 6.3612, 13.0699



174.6580, 35.6646, -5.8391



118.4940, 4.1935, 8.3368



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.



197.7090, 21.8355, 43.2282



194.4420, 26.8971, 53.1094



193.0350, 3.9267, 47.3273



114.9560, 3.4727, 6.1776



75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Inverse Universe

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



197.7090, 21.8355, 43.2282



194.4420, 26.8971, 53.1094



217.9650, -3.9267, -47.3273



114.9560, 3.4727, 6.1776



75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 197.7090, 21.8355, 43.2282 looks on a white background.

Color Contrast Check

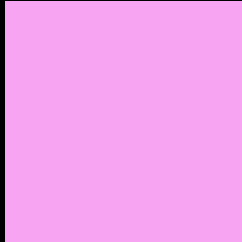
Large Text (above 18pt) WCAG AA × Fail

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 197.7090, 21.8355, 43.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

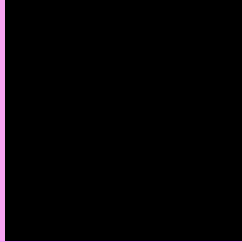
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7090, 21.8355, 43.2282

Background



This preview shows how black text looks on a background with the YUV color 197.7090, 21.8355, 43.2282.



This preview shows how white text looks on a background with the YUV color 197.7090, 21.8355,

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

197.7090, 21.8355, 43.2282

Protanopia

192.6260, 30.7504, -16.3350

Deuteranopia

193.5860, 21.4031, -4.8989



Tritanopia

195.9170, -3.9031, 38.6608

Trichromacy



Original Color

197.7090, 21.8355, 43.2282



Protanomaly

194.8460, 27.1909, 5.3971



Deuteranomaly

194.8100, 21.7857, 12.4446



Tritanomaly

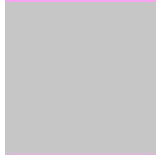
196.7460, 5.5482, 40.5648

Monochromacy



Original Color

197.7090, 21.8355, 43.2282



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.1620, 7.8081, 15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7090, 21.8355, 43.2282 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(247, 164, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 164, 242)  
}
```

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(247, 164, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 164, 242) }
```

Border

The CSS property to change the border of an element to YUV 197.7090, 21.8355, 43.2282 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(247, 164, 242) }
```


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

```
.border{ border-color:rgb(247, 164, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 164, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 164, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 164, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 164,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 197.7090, 21.8355, 43.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 164, 242) }
```

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

```
.background{ background-color: rgb(247,  
164, 242) }
```

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