

Converting Colors

YUV(195.2040, 21.0984,
46.3021)

Have a look what the booklet for
YUV(195.2040, 21.0984, 46.3021)
contains.

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Color

**YUV(195.2040, 21.0984,
46.3021)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8A0EE |
| RGB | 248, 160, 238 |
| RGB Percent | 97%, 63%, 93% |
| CMY | 0.0275, 0.3725, 0.0667 |
| CMYK | 0.00, 0.35, 0.04, 0.03 |
| HSL | 307°, 86%, 80% |
| HSV | 307°, 35%, 97% |
| XYZ | 66.7148, 51.2711, 87.2690 |
| YIQ | 195.2040, 27.4100, 42.9140 |

Conversions

Conversions Part 2

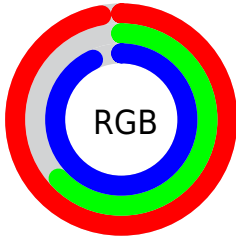
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 160, 238 |
| Decimal | 16294126 |
| CIE Lab | 76.84, 44.17, -25.70 |
| CIE LCh | 77, 51.106, 329.803 |
| Yxy | 51.2711, 0.3250, 0.2498 |
| Android (android.graphics.Color) | 4294484206 (0xFFF8A0EE) |
| YUV | 195.2040, 21.0984, 46.3021 |
| Hunter-Lab | 71.6039, 41.0055, -22.1385 |

Details

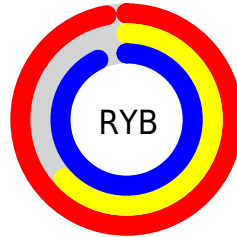
The YUV color **195.2040, 21.0984, 46.3021** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.7960, -21.0984, -46.3021**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1070, 11.2862, 20.0772**, and **140.3670, 20.5251, 43.5281** is the 20% darker color. If you saturate the color by 10%, you get **180.1870, 27.0228, 59.4720**, and if you desaturate by 10%, it is **210.2210, 15.1740, 33.1322**.

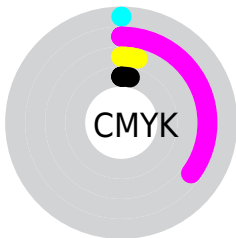
Distribution



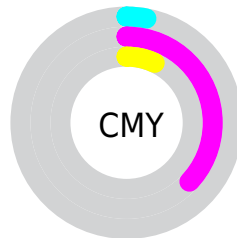
- Red (97%)
- Green (63%)
- Blue (93%)



- Red (97%)
- Yellow (63%)
- Blue (93%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2040, 21.0984, 46.3021 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 195.2040, 21.0984, 46.3021 by changing the saturation by 10% instead.


 195.2040, 21.0984,
46.3021


 195.2040, 21.0984,
46.3021


255.0000, 0.0000,
0.0000


 167.4920, 20.9564,
45.1725


 232.1070, 11.2862,
20.0772


 140.3670, 20.5251,
43.5281

 249.1300, 2.8939,
5.1480

 113.6550, 20.3831,
42.3986

 87.3560, 20.5305,
41.7838

 60.4700, 20.9673,
41.6838

 33.5240, 22.4197,
42.5135

 23.4270, 16.0585,

29.4435

■ 14.3410, 9.6919,
18.1179

■ 0.7980, 3.0576,
-0.6998

■ 195.2040, 21.0984,
46.3021

■ 195.2040, 21.0984,
46.3021

■ 180.1870, 27.0228,
59.4720

■ 210.2210, 15.1740,
33.1322

■ 165.1700, 32.9472,
72.6419

■ 225.2380, 9.2497,
19.9623

■ 150.8540, 39.0190,
85.1970

■ 239.5540, 3.1779,
7.4071

■ 135.8370, 44.9434,
98.3670

■ 252.2230, -1.5889,
-3.7036

■ 120.8200, 50.8677,
111.5369

■ 252.5650, -0.2785,
-4.0035

■ 105.8030, 56.7921,
124.7068

■ 252.9070, 1.0318,
-4.3034

■ 99.2320, 59.5386,
130.4695

Harmonies

Analogous

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



190.6760, 31.7117, 2.0381



195.2040, 21.0984, 46.3021



186.7700, 2.5784, 59.8377

Triad

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



195.2040, 21.0984, 46.3021



185.8520, -45.7760, 29.0708



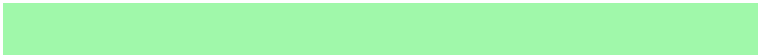
151.8210, 41.0072, -133.1470

Complementary

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



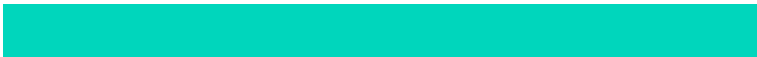
195.2040, 21.0984, 46.3021



212.7960, -21.0984, -46.3021

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.



147.0500, 20.1883, -128.9629



195.2040, 21.0984, 46.3021



180.7870, -37.3630, -9.4602

Square

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



195.2040, 21.0984, 46.3021



188.4610, -39.1743, 58.3547



172.4190, -15.9826, -53.8645



150.5790, 51.4796, -132.0578

Rectangle

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



195.2040, 21.0984, 46.3021



183.7090, -11.6885, 62.5222



172.4190, -15.9826, -53.8645



150.6980, 34.1659, -132.1621

Sweetspot

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



195.2040, 21.0984, 46.3021



238.2220, 6.7926, 14.7143



172.7230, 37.1116, -3.2651



117.7930, 4.0461, 8.9515



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.



195.2040, 21.0984, 46.3021



189.0620, 26.5914, 57.8276



190.3020, 2.3161, 50.6011



117.2550, 3.3253, 6.7924



75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Inverse Universe

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



195.2040, 21.0984, 46.3021



189.0620, 26.5914, 57.8276



217.6980, -2.3161, -50.6011



117.2550, 3.3253, 6.7924



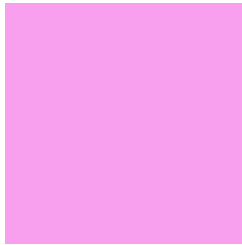
75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 195.2040, 21.0984, 46.3021 looks on a white background.

Color Contrast Check

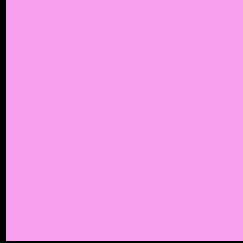
Large Text (above 18pt) WCAG AA × Fail

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 195.2040, 21.0984, 46.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

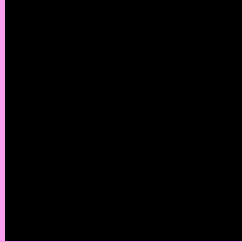
Any Text WCAG AA ✓ Pass

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 195.2040, 21.0984, 46.3021 Background



This preview shows how black text looks on a background with the YUV color 195.2040, 21.0984, 46.3021.



This preview shows how white text looks on a background with the YUV color 195.2040, 21.0984,

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

195.2040, 21.0984, 46.3021

Protanopia

190.5550, 31.7714, -17.1497

Deuteranopia

191.6570, 20.3821, -4.0842



Tritanopia

193.4120, -4.6401, 41.7347

Trichromacy



Original Color

195.2040, 21.0984, 46.3021



Protanomaly

192.3730, 27.9171, 5.8119



Deuteranomaly

193.1800, 20.6173, 13.8741



Tritanomaly

194.2410, 4.8112, 43.6386

Monochromacy



Original Color

195.2040, 21.0984, 46.3021



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.8740, 7.9501, 16.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2040, 21.0984, 46.3021 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(248, 160, 238)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 238)  
}
```

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(248, 160, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 238) }
```

Border

The CSS property to change the border of an element to YUV 195.2040, 21.0984, 46.3021 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(248, 160, 238) }
```


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

```
.border{ border-color:rgb(248, 160, 238) }
```

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

Here you see how a box with a 4 pixel rgb(248, 160, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 195.2040, 21.0984, 46.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 238) }
```

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

```
.background{ background-color: rgb(248,  
160, 238) }
```

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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