

Converting Colors

YUV(197.2920, 17.6040,
47.1019)

Have a look what the booklet for
YUV(197.2920, 17.6040, 47.1019)
contains.

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Color

**YUV(197.2920, 17.6040,
47.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA3E9
RGB	251, 163, 233
RGB Percent	98%, 64%, 91%
CMY	0.0157, 0.3608, 0.0863
CMYK	0.00, 0.35, 0.07, 0.02
HSL	312°, 92%, 81%
HSV	312°, 35%, 98%
XYZ	67.5888, 52.5868, 83.6787
YIQ	197.2920, 29.9780, 40.4260

Conversions

Conversions Part 2

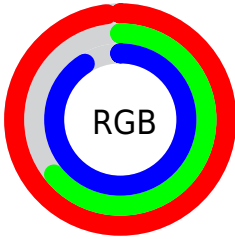
Format	Color
R _Y B	251, 163, 233
Decimal	16491497
CIE Lab	77.63, 42.71, -21.76
CIE LCh	78, 47.935, 332.997
Yxy	52.5868, 0.3316, 0.2580
Android (android.graphics.Color)	4294681577 (0xFFFBA3E9)
YUV	197.2920, 17.6040, 47.1019
Hunter-Lab	72.5168, 39.4656, -17.6543

Details

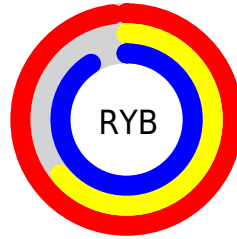
The YUV color **197.2920, 17.6040, 47.1019** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.7080, -17.6040, -47.1019**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **141.8680, 17.3201, 44.8428** is the 20% darker color. If you saturate the color by 10%, you get **182.0470, 22.6548, 60.4718**, and if you desaturate by 10%, it is **212.5370, 12.5533, 33.7321**.

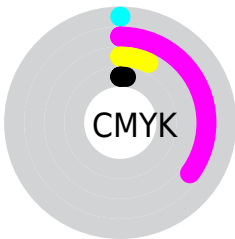
Distribution



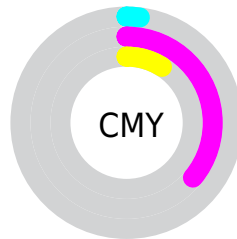
- Red (98%)
- Green (64%)
- Blue (91%)



- Red (98%)
- Yellow (64%)
- Blue (91%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.2920, 17.6040, 47.1019 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 197.2920, 17.6040, 47.1019 by changing the saturation by 10% instead.

 197.2920, 17.6040,
47.1019


 197.2920, 17.6040,
47.1019

255.0000, 0.0000,
0.0000


 169.5800, 17.4621,
45.9723


 233.8680, 10.4181,
18.5328


 141.8680, 17.3201,
44.8428

 250.8910, 2.0257,
3.6036

 115.7430, 16.8887,
43.1984

 89.4440, 17.0361,
42.5836

 63.2590, 17.6203,
41.8689

 33.9650, 20.2303,
44.7577

 23.8680, 13.8691,

31.6878

■ 14.8960, 7.9393,
20.2622

■ 0.1140, 0.4368,
-0.1000

■ 197.2920, 17.6040,
47.1019

■ 197.2920, 17.6040,
47.1019

■ 182.0470, 22.6548,
60.4718

■ 212.5370, 12.5533,
33.7321

■ 166.8020, 27.7056,
73.8416

■ 227.7820, 7.5025,
20.3622

■ 151.5570, 32.7564,
87.2115

■ 243.0270, 2.4517,
6.9923

■ 136.1980, 37.3704,
100.6814

■ 253.6900, 0.1528,
-2.3591

■ 120.3660, 42.7106,
114.5660

■ 253.8040, 0.5896,
-2.4591

■ 105.1210, 47.7613,
127.9359

■ 97.8490, 50.3604,
134.3134

Harmonies

Analogous

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



194.5410, 29.8063, 6.5415



197.2920, 17.6040, 47.1019



189.3630, -0.1790, 57.5636

Triad

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



197.2920, 17.6040, 47.1019



187.9160, -42.8496, 23.7527



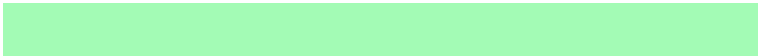
152.8640, 42.4650, -134.0617

Complementary

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



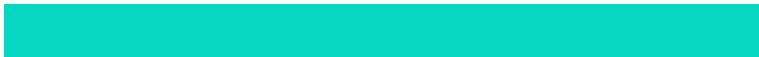
197.2920, 17.6040, 47.1019



216.7080, -17.6040, -47.1019

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.



150.2290, 22.0721, -126.4888



197.2920, 17.6040, 47.1019



182.8020, -33.4264, -12.1044

Square

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



197.2920, 17.6040, 47.1019



190.9550, -38.4318, 53.5365



175.3310, -12.4882, -54.6643



150.5790, 51.4796, -132.0578

Rectangle

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



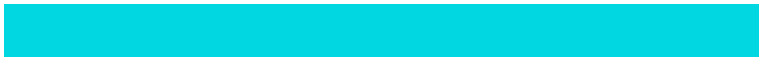
197.2920, 17.6040, 47.1019



187.1170, -13.8617, 59.5334



175.3310, -12.4882, -54.6643



151.8550, 36.0605, -133.1768

Sweetspot

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



197.2920, 17.6040, 47.1019



237.8800, 5.4822, 15.0142



178.4140, 35.7849, 2.2679



117.5650, 3.1725, 9.1515



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.



197.2920, 17.6040, 47.1019



189.6830, 21.3553, 57.2830



192.2760, -1.6151, 51.5009



117.0270, 2.4517, 6.9923



73.6110, 37.6598, 101.1962



23.8250, 12.4113, 32.6025

Inverse Universe

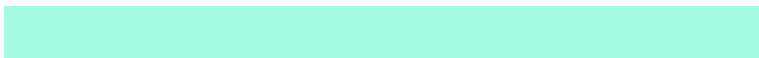
The Inverse Universe completely reimagines the original color for something new.



197.2920, 17.6040, 47.1019



189.6830, 21.3553, 57.2830



221.7240, 1.6151, -51.5009



117.0270, 2.4517, 6.9923



73.6110, 37.6598, 101.1962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 197.2920, 17.6040, 47.1019 looks on a white background.

Color Contrast Check

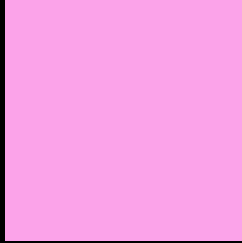
Large Text (above 18pt) WCAG AA × Fail

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 197.2920, 17.6040, 47.1019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

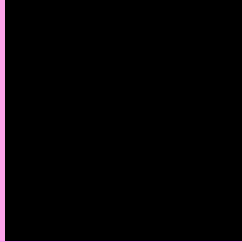
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.2920, 17.6040, 47.1019

Background



This preview shows how black text looks on a background with the YUV color 197.2920, 17.6040, 47.1019.



This preview shows how white text looks on a background with the YUV color 197.2920, 17.6040,

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

197.2920, 17.6040, 47.1019

Protanopia

192.5830, 29.2926, -15.4203

Deuteranopia

194.0550, 16.7349, -0.9252



Tritanopia

195.3090, -5.0823, 43.5790

Trichromacy



Original Color

197.2920, 17.6040, 47.1019



Protanomaly

194.2870, 25.0015, 7.6413



Deuteranomaly

195.2790, 17.1175, 16.4183



Tritanomaly

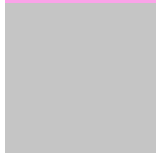
196.0840, 2.9166, 44.6533

Monochromacy



Original Color

197.2920, 17.6040, 47.1019



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.4180, 6.2029, 17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2920, 17.6040, 47.1019 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(251, 163, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 163, 233)  
}
```

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(251, 163, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 163, 233) }
```

Border

The CSS property to change the border of an element to YUV 197.2920, 17.6040, 47.1019 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(251, 163, 233) }
```


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

```
.border{ border-color:rgb(251, 163, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 163, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 163, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 163, 233); box-shadow:4px 4px 4px 4px rgb(251, 163, 233) }
```

Background

The CSS property to change the background color of an element to YUV 197.2920, 17.6040, 47.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 163, 233) }
```

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

```
.background{ background-color: rgb(251,  
163, 233) }
```

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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