

Converting Colors

YUV(216.7920, 12.4275,
27.3694)

Have a look what the booklet for
YUV(216.7920, 12.4275, 27.3694)
contains.

YUV(216.7920, 12.4275, 27.3694)	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(216.7920, 12.4275,
27.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C4F2
RGB	248, 196, 242
RGB Percent	97%, 77%, 95%
CMY	0.0275, 0.2314, 0.0510
CMYK	0.00, 0.21, 0.02, 0.03
HSL	307°, 79%, 87%
HSV	307°, 21%, 97%
XYZ	74.4783, 65.8471, 92.7887
YIQ	216.7920, 16.2260, 25.3300

Conversions

Conversions Part 2

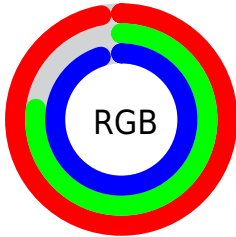
Format	Color
R _Y B	248, 196, 242
Decimal	16303346
CIE Lab	84.92, 25.97, -15.62
CIE LCh	85, 30.306, 328.978
Yxy	65.8471, 0.3195, 0.2825
Android (android.graphics.Color)	4294493426 (0xFFFF8C4F2)
YUV	216.7920, 12.4275, 27.3694
Hunter-Lab	81.1462, 21.8265, -10.9943

Details

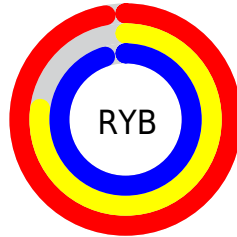
The YUV color $216.7920, 12.4275, 27.3694$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $227.2080, -12.4275, -27.3694$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $161.6670, 11.9962, 25.7250$ is the 20% darker color. If you saturate the color by 10%, you get $201.7750, 18.3519, 40.5393$, and if you desaturate by 10%, it is $231.8090, 6.5032, 14.1995$.

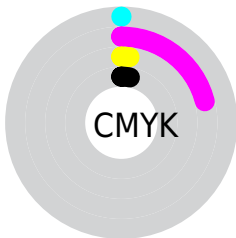
Distribution



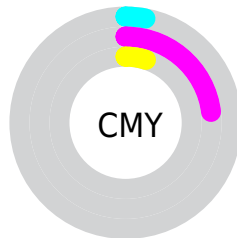
- Red (97%)
- Green (77%)
- Blue (95%)



- Red (97%)
- Yellow (77%)
- Blue (95%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.7920, 12.4275, 27.3694 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 216.7920, 12.4275, 27.3694 by changing the saturation by 10% instead.


 216.7920, 12.4275,
27.3694


 216.7920, 12.4275,
27.3694


255.0000, 0.0000,
0.0000


 189.0800, 12.2856,
26.2398


 253.8260, 0.5788,
1.0296

 161.6670, 11.9962,
25.7250

 135.2540, 11.7068,
25.2102

 109.5420, 11.5648,
24.0807

 84.7160, 10.9860,
23.0511

 61.0040, 10.8440,
21.9215

 37.7050, 10.9914,

21.3067

■ 16.2920, 10.7020,
20.7919

■ 2.7210, 6.5465,
0.2447

■ 216.7920, 12.4275,
27.3694

■ 216.7920, 12.4275,
27.3694

■ 201.7750, 18.3519,
40.5393

■ 231.8090, 6.5032,
14.1995

■ 186.7580, 24.2763,
53.7092

■ 246.8260, 0.5788,
1.0296

■ 172.3280, 29.9113,
66.3643

■ 252.4510, -0.7153,
-3.9035

■ 157.4250, 36.2725,
79.4343

■ 252.6790, 0.1583,
-4.1035

■ 142.4080, 42.1969,
92.6042

■ 252.9070, 1.0318,
-4.3034

■ 127.3910, 48.1212,
105.7741

■ 112.3740, 54.0456,
118.9440

■ 99.1180, 59.1018,
130.5695

Harmonies

Analogous

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



213.6900, 20.3658, 1.1489



216.7920, 12.4275, 27.3694



212.7580, 0.6123, 37.0462

Triad

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



216.7920, 12.4275, 27.3694



210.9060, -27.5617, 20.2534



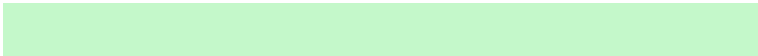
198.4680, 19.9823, -62.6774

Complementary

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



216.7920, 12.4275, 27.3694



227.2080, -12.4275, -27.3694

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.



199.9350, 4.9620, -51.6860



216.7920, 12.4275, 27.3694



207.6040, -22.9758, -4.0377

Square

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



216.7920, 12.4275, 27.3694



212.3410, -23.8321, 37.4119



203.6530, -10.6749, -29.5137



201.8310, 26.2123, -54.2258

Rectangle

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



216.7920, 12.4275, 27.3694



211.1790, -7.9762, 38.4310



203.6530, -10.6749, -29.5137



198.6270, 15.4669, -61.0629

Sweetspot

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



216.7920, 12.4275, 27.3694



245.9670, 3.4673, 7.9219



203.4230, 21.9765, -2.1250



122.4890, 1.7309, 4.8331



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.



216.7920, 12.4275, 27.3694



216.6340, 15.4634, 33.6470



213.9420, 1.5076, 29.8689



117.2550, 3.3253, 6.7924



75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Inverse Universe

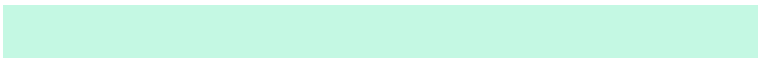
The Inverse Universe completely reimagines the original color for something new.



216.7920, 12.4275, 27.3694



216.6340, 15.4634, 33.6470



230.0580, -1.5076, -29.8689



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 216.7920, 12.4275, 27.3694 looks on a white background.

Color Contrast Check

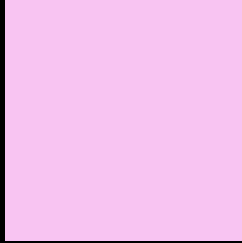
Large Text (above 18pt) WCAG AA × Fail

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 216.7920, 12.4275, 27.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

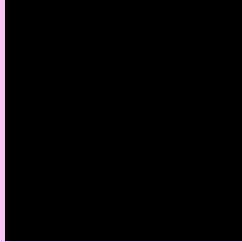
Any Text WCAG AA ✓ Pass

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 216.7920, 12.4275, 27.3694 Background



This preview shows how black text looks on a background with the YUV color 216.7920, 12.4275, 27.3694.



This preview shows how white text looks on a background with the YUV color 216.7920, 12.4275,

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

216.7920, 12.4275, 27.3694

Protanopia

212.9940, 19.2300, -7.8877

Deuteranopia

214.6490, 12.4980, 4.6928



Tritanopia

215.5670, 0.2135, 24.9357

Trichromacy



Original Color

216.7920, 12.4275, 27.3694



Protanomaly

214.3870, 16.5712, 4.9226



Deuteranomaly

215.4050, 12.6183, 12.7998



Tritanomaly

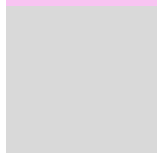
215.7180, 4.5760, 25.6803

Monochromacy



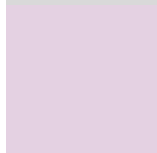
Original Color

216.7920, 12.4275, 27.3694



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.6190, 4.6248, 9.9811

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7920, 12.4275, 27.3694 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, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(248, 196, 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(248, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 196, 242) }
```

Border

The CSS property to change the border of an element to YUV 216.7920, 12.4275, 27.3694 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, 196, 242) }
```


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

```
.border{ border-color:rgb(248, 196, 242) }
```

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

Here you see how a box with a 4 pixel rgb(248, 196, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 196,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 216.7920, 12.4275, 27.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 196, 242) }
```

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

```
.background{ background-color: rgb(248,  
196, 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](#).

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