

Converting Colors

YUV(216.9760, 16.7738,
33.3470)

Have a look what the booklet for
YUV(216.9760, 16.7738, 33.3470)
contains.

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Color

**YUV(216.9760, 16.7738,
33.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFFB
RGB	255, 191, 251
RGB Percent	100%, 75%, 98%
CMY	0.0000, 0.2510, 0.0157
CMYK	0.00, 0.25, 0.02, 0.00
HSL	304°, 100%, 87%
HSV	304°, 25%, 100%
XYZ	77.2834, 65.4866, 99.8337
YIQ	216.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

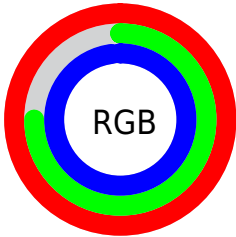
Format	Color
R _Y B	255, 191, 251
Decimal	16760827
CIE Lab	84.73, 32.48, -20.62
CIE LCh	85, 38.474, 327.593
Yxy	65.4866, 0.3186, 0.2699
Android (android.graphics.Color)	4294950907 (0xFFFFBFFB)
YUV	216.9760, 16.7738, 33.3470
Hunter-Lab	80.9238, 28.8534, -16.4979

Details

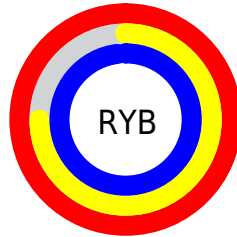
The YUV color **216.9760, 16.7738, 33.3470** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **229.0240, -16.7738, -33.3470**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **161.7370, 15.9057, 31.8027** is the 20% darker color. If you saturate the color by 10%, you get **202.0730, 23.1350, 46.4170**, and if you desaturate by 10%, it is **232.4660, 10.1233, 19.7623**.

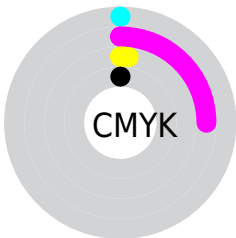
Distribution



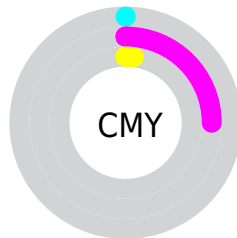
- Red (100%)
- Green (75%)
- Blue (98%)



- Red (100%)
- Yellow (75%)
- Blue (98%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.9760, 16.7738, 33.3470 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 216.9760, 16.7738, 33.3470 by changing the saturation by 10% instead.


 216.9760, 16.7738,
33.3470


 216.9760, 16.7738,
33.3470


255.0000, 0.0000,
0.0000


 189.1500, 16.1951,
32.3175


 250.8910, 2.0257,
3.6036

 161.7370, 15.9057,
31.8027

 135.0250, 15.7637,
30.6731

 109.3130, 15.6217,
29.5435

 83.6010, 15.4797,
28.4139

 59.7750, 14.9009,
27.3843

 35.0030, 15.7745,

27.1844

■ 17.8730, 12.8806,
22.0364

■ 6.2100, 8.2775,
5.0778

■ 216.9760, 16.7738,
33.3470

■ 216.9760, 16.7738,
33.3470

■ 202.0730, 23.1350,
46.4170

■ 232.4660, 10.1233,
19.7623

■ 186.6970, 30.2224,
59.9017

■ 247.2550, 3.3253,
6.7924

■ 171.7940, 36.5836,
72.9717

■ 255.0000, 0.0000,
0.0000

■ 156.4180, 43.6709,
86.4564

■ 141.5150, 50.0321,
99.5263

■ 126.0250, 56.6827,
113.1111

■ 111.2360, 63.4807,
126.0810

■ 103.4910, 66.8059,
132.8734

Harmonies

Analogous

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



211.6190, 21.3868, 0.3341



216.9760, 16.7738, 33.3470



208.8770, 3.5116, 40.4499

Triad

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



216.9760, 16.7738, 33.3470



209.4030, -34.7087, 25.9566



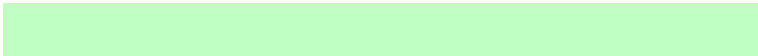
189.4260, 26.9050, -89.8276

Complementary

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



216.9760, 16.7738, 33.3470



229.0240, -16.7738, -33.3470

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.



193.8790, 6.4687, -68.2999



216.9760, 16.7738, 33.3470



205.5950, -29.3803, -3.1528

Square

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



216.9760, 16.7738, 33.3470



208.5110, -28.3529, 40.7709



200.2840, -14.4370, -36.2061



192.5400, 30.7928, -76.7726

Rectangle

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



216.9760, 16.7738, 33.3470



206.6140, -7.6977, 42.4345



200.2840, -14.4370, -36.2061



189.8520, 20.7790, -84.9392

Sweetspot

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



216.9760, 16.7738, 33.3470



243.1460, 5.3510, 10.3960



199.1930, 27.5129, -4.5543



120.2550, 3.3253, 6.7924



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.



216.9760, 16.7738, 33.3470



209.8180, 19.8097, 39.6246



213.4420, 3.2331, 36.4464



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Inverse Universe

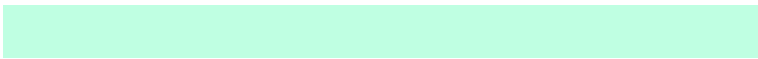
The Inverse Universe completely reimagines the original color for something new.



216.9760, 16.7738, 33.3470



209.8180, 19.8097, 39.6246



232.5580, -3.2331, -36.4464



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 216.9760, 16.7738, 33.3470 looks on a white background.

Color Contrast Check

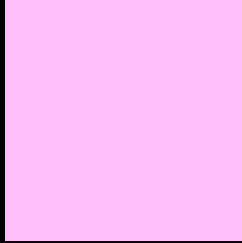
Large Text (above 18pt) WCAG AA × Fail

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 216.9760, 16.7738, 33.3470 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 216.9760, 16.7738, 33.3470

Background



This preview shows how black text looks on a background with the YUV color 216.9760, 16.7738, 33.3470.



This preview shows how white text looks on a background with the YUV color 216.9760, 16.7738,

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

216.9760, 16.7738, 33.3470

Protanopia

212.4390, 20.9826, -10.0320

Deuteranopia

214.0660, 16.7295, 0.8191



Tritanopia

215.2580, -1.1132, 30.4687

Trichromacy



Original Color

216.9760, 16.7738, 33.3470



Protanomaly

214.1960, 19.6234, 5.9671



Deuteranomaly

215.1430, 16.6915, 13.0296



Tritanomaly

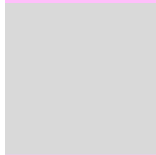
215.6910, 5.5753, 31.8430

Monochromacy



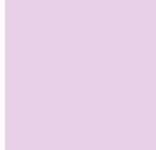
Original Color

216.9760, 16.7738, 33.3470



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.2710, 5.7824, 12.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9760, 16.7738, 33.3470 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(255, 191, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 251)  
}
```

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(255, 191, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 251) }
```

Border

The CSS property to change the border of an element to YUV 216.9760, 16.7738, 33.3470 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(255, 191, 251) }
```


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

```
.border{ border-color:rgb(255, 191, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 216.9760, 16.7738, 33.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 251) }
```

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

```
.background{ background-color: rgb(255,  
191, 251) }
```

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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