

Converting Colors

YUV(218.9650, 16.7793,
31.6027)

Have a look what the booklet for
YUV(218.9650, 16.7793, 31.6027)
contains.

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Color

**YUV(218.9650, 16.7793,
31.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2FD
RGB	255, 194, 253
RGB Percent	100%, 76%, 99%
CMY	0.0000, 0.2392, 0.0078
CMYK	0.00, 0.24, 0.01, 0.00
HSL	302°, 100%, 88%
HSV	302°, 24%, 100%
XYZ	78.2614, 66.9354, 101.7235
YIQ	218.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

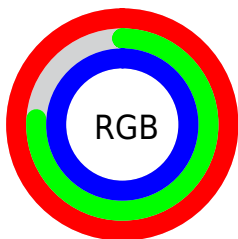
Format	Color
R _Y B	255, 194, 253
Decimal	16761597
CIE Lab	85.47, 31.26, -20.57
CIE LCh	85, 37.422, 326.662
Yxy	66.9354, 0.3170, 0.2711
Android (android.graphics.Color)	4294951677 (0xFFFFC2FD)
YUV	218.9650, 16.7793, 31.6027
Hunter-Lab	81.8141, 27.5743, -16.4484

Details

The YUV color **218.9650, 16.7793, 31.6027** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **230.0350, -16.7793, -31.6027**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6520, 1.1576, 2.0592**, and **163.7260, 15.9111, 30.0583** is the 20% darker color. If you saturate the color by 10%, you get **204.1760, 23.5772, 44.5726**, and if you desaturate by 10%, it is **233.7540, 9.9813, 18.6327**.

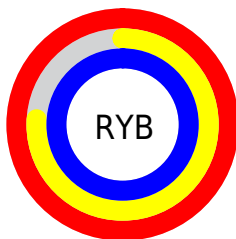
Distribution



Red (100%)

Green (76%)

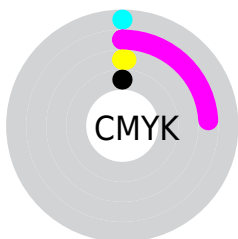
Blue (99%)



Red (100%)

Yellow (76%)

Blue (99%)

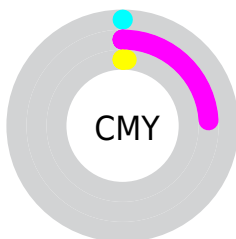


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.9650, 16.7793, 31.6027 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 218.9650, 16.7793, 31.6027 by changing the saturation by 10% instead.


 218.9650, 16.7793,
31.6027


 218.9650, 16.7793,
31.6027


255.0000, 0.0000,
0.0000


 191.1390, 16.2005,
30.5731


 252.6520, 1.1576,
2.0592

 163.7260, 15.9111,
30.0583

 137.0140, 15.7691,
28.9287

 111.1880, 15.1903,
27.8991

 85.8890, 15.3377,
27.2843

 61.7640, 14.9063,
25.6400

 37.7640, 14.9063,

25.6400

■ 18.1010, 13.7542,
21.8364

■ 7.3350, 8.7088,
6.7222

■ 218.9650, 16.7793,
31.6027

■ 218.9650, 16.7793,
31.6027

■ 204.1760, 23.5772,
44.5726

■ 233.7540, 9.9813,
18.6327

■ 188.8000, 30.6646,
58.0574

■ 249.1300, 2.8939,
5.1480

■ 174.0110, 37.4626,
71.0274

255.0000, 0.0000,
0.0000

■ 158.7490, 44.9867,
84.4121

■ 143.3730, 52.0741,
97.8969

■ 128.5840, 58.8721,
110.8668

■ 113.7950, 65.6701,
123.8368

■ 104.4030, 70.3003,
132.0736

Harmonies

Analogous

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



213.6790, 20.3713, -0.5955



218.9650, 16.7793, 31.6027



210.9800, 3.9539, 38.6055

Triad

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



218.9650, 16.7793, 31.6027



211.9300, -33.9825, 26.3714



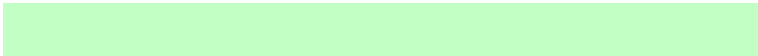
192.7040, 25.2889, -84.8094

Complementary

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



218.9650, 16.7793, 31.6027



230.0350, -16.7793, -31.6027

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.



197.2600, 5.2948, -65.1260



218.9650, 16.7793, 31.6027



208.0080, -29.0909, -2.6380

Square

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



218.9650, 16.7793, 31.6027



210.2550, -26.7477, 39.2414



203.2950, -14.4424, -34.4617



195.5080, 29.3296, -74.1135

Rectangle

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



218.9650, 16.7793, 31.6027



208.2440, -6.5293, 41.0050



203.2950, -14.4424, -34.4617



193.8310, 19.3103, -80.5358

Sweetspot

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



218.9650, 16.7793, 31.6027



244.3200, 4.7722, 9.3664



201.2530, 26.4973, -5.4839



121.4290, 2.7465, 5.7628



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.



218.9650, 16.7793, 31.6027



211.3340, 20.5413, 38.2951



215.5450, 3.6753, 34.6020



120.2550, 3.3253, 6.7924



78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Inverse Universe

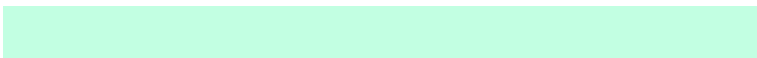
The Inverse Universe completely reimagines the original color for something new.



218.9650, 16.7793, 31.6027



211.3340, 20.5413, 38.2951



233.4550, -3.6753, -34.6020



120.2550, 3.3253, 6.7924



78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 218.9650, 16.7793, 31.6027 looks on a white background.

Color Contrast Check

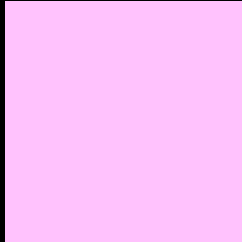
Large Text (above 18pt) WCAG AA × Fail

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 218.9650, 16.7793, 31.6027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

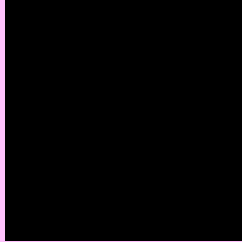
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.9650, 16.7793, 31.6027

Background



This preview shows how black text looks on a background with the YUV color 218.9650, 16.7793, 31.6027.



This preview shows how white text looks on a background with the YUV color 218.9650, 16.7793,

31.6027.

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

218.9650, 16.7793, 31.6027

Protanopia

214.5100, 19.9616, -9.2173

Deuteranopia

216.0660, 16.7295, 0.8191



Tritanopia

217.3610, -0.6710, 28.6244

Trichromacy



Original Color

218.9650, 16.7793, 31.6027



Protanomaly

215.9680, 18.7498, 6.1671



Deuteranomaly

217.4310, 16.5495, 11.9000



Tritanomaly

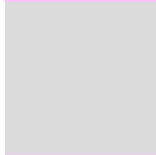
217.6800, 5.5808, 30.0986

Monochromacy



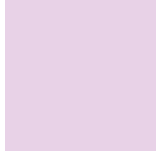
Original Color

218.9650, 16.7793, 31.6027



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9650, 16.7793, 31.6027 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, 194, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 253)  
}
```

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, 194, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 253) }
```

Border

The CSS property to change the border of an element to YUV 218.9650, 16.7793, 31.6027 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, 194, 253) }
```


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

```
.border{ border-color:rgb(255, 194, 253) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 218.9650, 16.7793, 31.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 253) }
```

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

```
.background{ background-color: rgb(255,  
194, 253) }
```

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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