

Converting Colors

YUV(227.0680, 13.7705,
16.6034)

Have a look what the booklet for
YUV(227.0680, 13.7705, 16.6034)
contains.

YUV(227.0680, 13.7705, 16.6034)	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(227.0680, 13.7705,
16.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D4FF
RGB	246, 212, 255
RGB Percent	96%, 83%, 100%
CMY	0.0353, 0.1686, 0.0000
CMYK	0.04, 0.17, 0.00, 0.00
HSL	287°, 100%, 92%
HSV	287°, 17%, 100%
XYZ	79.5995, 73.8998, 104.6765
YIQ	227.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

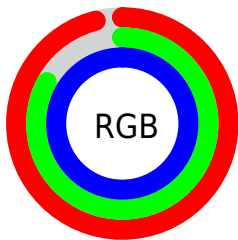
Format	Color
R _Y B	246, 212, 255
Decimal	16176383
CIE Lab	88.88, 19.25, -16.57
CIE LCh	89, 25.399, 319.274
Yxy	73.8998, 0.3083, 0.2862
Android (android.graphics.Color)	4294366463 (0xFFFF6D4FF)
YUV	227.0680, 13.7705, 16.6034
Hunter-Lab	85.9650, 14.8438, -12.0198

Details

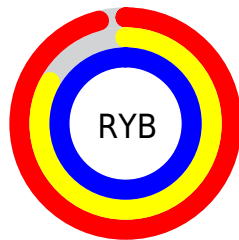
The YUV color $227.0680, 13.7705, 16.6034$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $239.9320, -13.7705, -16.6034$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.2420, 13.1917, 15.5738$ is the 20% darker color. If you saturate the color by 10%, you get $210.8980, 21.7423, 26.3995$, and if you desaturate by 10%, it is $243.8250, 5.5093, 6.2925$.

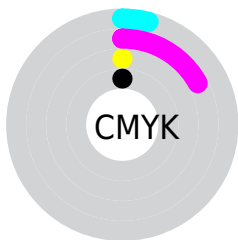
Distribution



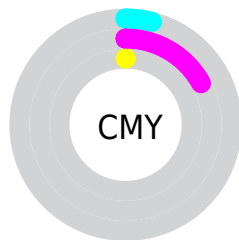
- Red (96%)
- Green (83%)
- Blue (100%)



- Red (96%)
- Yellow (83%)
- Blue (100%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.0680, 13.7705, 16.6034 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 227.0680, 13.7705, 16.6034 by changing the saturation by 10% instead.

227.0680, 13.7705,
16.6034

227.0680, 13.7705,
16.6034

255.0000, 0.0000,
0.0000

198.6550, 13.4811,
16.0886

171.2420, 13.1917,
15.5738

144.8290, 12.9023,
15.0590

119.3020, 12.1761,
14.6441

94.0030, 12.3235,
14.0294

70.1770, 11.7447,
12.9998

47.6500, 11.0185,

12.5849

■ 25.9380, 10.8766,
11.4554

■ 8.7590, 8.9928,
8.9814

■ 227.0680, 13.7705,
16.6034

■ 227.0680, 13.7705,
16.6034

■ 210.8980, 21.7423,
26.3995

■ 243.8250, 5.5093,
6.2925

■ 193.8420, 30.1509,
36.0956

255.0000, 0.0000,
0.0000

■ 177.6720, 38.1227,
45.8917

■ 160.9150, 46.3839,
56.2025

■ 144.4460, 54.5031,
65.3839

■ 127.6890, 62.7643,
75.6947

■ 110.9320, 71.0255,
86.0056

■ 94.4630, 79.1447,
95.1869

■ 89.4680, 81.6073,
98.6906

Harmonies

Analogous

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



222.7940, 15.8776, -5.9583



227.0680, 13.7705, 16.6034



224.3160, 4.2812, 26.9099

Triad

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



227.0680, 13.7705, 16.6034



223.3670, -23.3519, 23.3571



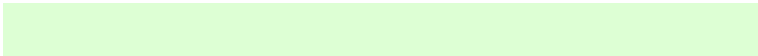
213.1940, 12.2294, -49.2821

Complementary

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



227.0680, 13.7705, 16.6034



239.9320, -13.7705, -16.6034

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.



214.8290, -0.9017, -37.5610



227.0680, 13.7705, 16.6034



220.7020, -21.5451, 3.7693

Square

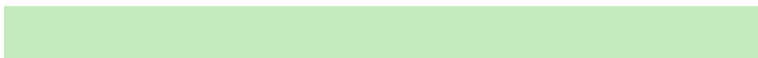
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.0680, 13.7705, 16.6034



221.4200, -16.9691, 29.4497



217.4480, -13.0389, -17.9329



214.5670, 19.9335, -46.9783

Rectangle

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



227.0680, 13.7705, 16.6034



221.7910, -2.8550, 29.1243



217.4480, -13.0389, -17.9329



213.1790, 8.2928, -46.6380

Sweetspot

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



227.0680, 13.7705, 16.6034



246.4720, 4.2043, 4.8481



222.1850, 16.1778, -8.9322



122.7060, 2.6099, 2.8888



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.



227.0680, 13.7705, 16.6034



221.7740, 16.3804, 19.4922



228.3910, 7.2022, 23.3361



119.4720, 4.2043, 4.8481



66.9230, 61.1700, 73.7355



22.2460, 20.5847, 24.3403

Inverse Universe

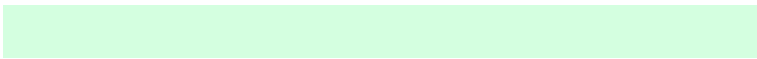
The Inverse Universe completely reimagines the original color for something new.



225.8830, -2.4073, 25.5356



220.5030, -2.7130, 30.2539



238.6090, -7.2022, -23.3361



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 227.0680, 13.7705, 16.6034 looks on a white background.

Color Contrast Check

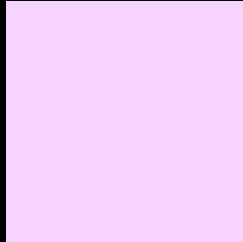
Large Text (above 18pt) WCAG AA × Fail

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 227.0680, 13.7705, 16.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

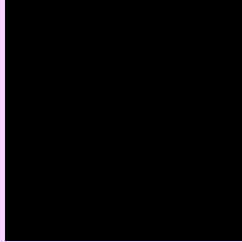
Any Text WCAG AA ✓ Pass

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 227.0680, 13.7705, 16.6034 Background



This preview shows how black text looks on a background with the YUV color 227.0680, 13.7705, 16.6034.



This preview shows how white text looks on a background with the YUV color 227.0680, 13.7705,

16.6034.

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

227.0680, 13.7705, 16.6034

Protanopia

224.2670, 15.1514, -6.3732

Deuteranopia

225.9910, 13.8084, 4.3929



Tritanopia

226.0110, 3.4456, 14.8994

Trichromacy



Original Color

227.0680, 13.7705, 16.6034

Protanomaly

225.2080, 14.6875, 2.4486

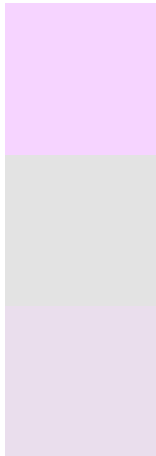
Deuteranomaly

226.3120, 13.6502, 8.4964

Tritanomaly

226.6350, 7.0819, 15.2291

Monochromacy



Original Color

227.0680, 13.7705, 16.6034

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.2980, 4.7831, 5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.0680, 13.7705, 16.6034 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(246, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 255)  
}
```

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(246, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 255) }
```

Border

The CSS property to change the border of an element to YUV 227.0680, 13.7705, 16.6034 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(246, 212, 255) }
```


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

```
.border{ border-color:rgb(246, 212, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 212, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 227.0680, 13.7705, 16.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 255) }
```

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

```
.background{ background-color: rgb(246,  
212, 255) }
```

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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