

Converting Colors

YUV(219.0160, 5.9081, 18.4030)

Have a look what the booklet for
YUV(219.0160, 5.9081, 18.4030)
contains.

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Color

**YUV(219.0160, 5.9081,
18.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CEE7
RGB	240, 206, 231
RGB Percent	94%, 81%, 91%
CMY	0.0588, 0.1922, 0.0941
CMYK	0.00, 0.14, 0.04, 0.06
HSL	316°, 53%, 87%
HSV	316°, 14%, 94%
XYZ	72.4303, 68.4374, 84.9936
YIQ	219.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

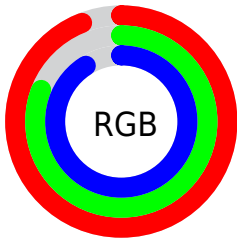
Format	Color
R _Y B	240, 206, 231
Decimal	15781607
CIE Lab	86.22, 16.08, -7.90
CIE LCh	86, 17.912, 333.828
Yxy	68.4374, 0.3207, 0.3030
Android (android.graphics.Color)	4293971687 (0xFFFF0CEE7)
YUV	219.0160, 5.9081, 18.4030
Hunter-Lab	82.7269, 11.5109, -3.0057

Details

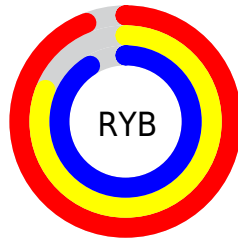
The YUV color $219.0160, 5.9081, 18.4030$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $226.9840, -5.9081, -18.4030$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.1900, 5.3293, 17.3734$ is the 20% darker color. If you saturate the color by 10%, you get $204.2440, 10.2327, 31.3580$, and if you desaturate by 10%, it is $233.7880, 1.5835, 5.4479$.

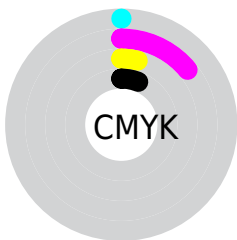
Distribution



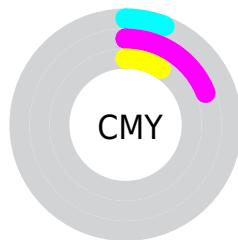
- Red (94%)
- Green (81%)
- Blue (91%)



- Red (94%)
- Yellow (81%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 219.0160, 5.9081, 18.4030 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 219.0160, 5.9081, 18.4030 by changing the saturation by 10% instead.


 219.0160, 5.9081,
18.4030


 219.0160, 5.9081,
18.4030


255.0000, 0.0000,
0.0000


 191.0160, 5.9081,
18.4030

 164.1900, 5.3293,
17.3734

 137.8910, 5.4767,
16.7586

 112.4780, 5.1873,
16.2438

 87.1790, 5.3348,
15.6290

 63.7660, 5.0454,
15.1142

 41.7550, 5.0508,

13.3699

■ 19.8690, 5.4876,
13.2699

■ 0.3420, 1.3104,
-0.2999

■ 219.0160, 5.9081,
18.4030

■ 219.0160, 5.9081,
18.4030

■ 204.2440, 10.2327,
31.3580

■ 233.7880, 1.5835,
5.4479

■ 189.3580, 14.1205,
44.4130

■ 248.6740, -2.3043,
-7.6071

■ 174.5860, 18.4451,
57.3681

■ 249.9450, 0.0271,
-8.7218

■ 159.8140, 22.7697,
70.3231

■ 250.5150, 2.2111,
-9.2217

■ 144.9280, 26.6575,
83.3781

■ 130.1560, 30.9821,
96.3332

■ 115.3840, 35.3067,
109.2882

■ 100.4980, 39.1945,
122.3433

■ 91.8240, 41.4988,
129.9504

Harmonies

Analogous

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



218.0510, 12.7929, 3.4633



219.0160, 5.9081, 18.4030



218.8940, -2.4127, 27.2800

Triad

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



219.0160, 5.9081, 18.4030



214.8260, -16.1832, 10.6766



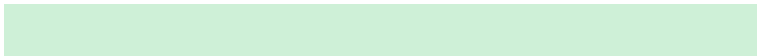
210.1790, 11.7438, -33.4830

Complementary

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



219.0160, 5.9081, 18.4030



226.9840, -5.9081, -18.4030

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.



209.7250, 3.5866, -30.4538



219.0160, 5.9081, 18.4030



212.6500, -12.6455, -4.0781

Square

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



219.0160, 5.9081, 18.4030



217.1310, -15.3476, 22.6871



210.7990, -5.3239, -19.1177



212.4770, 16.5268, -27.6053

Rectangle

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



219.0160, 5.9081, 18.4030



218.8250, -7.8017, 29.0945



210.7990, -5.3239, -19.1177



209.6090, 9.5598, -32.9831

Sweetspot

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



219.0160, 5.9081, 18.4030



248.7880, 1.5835, 5.4479



212.2680, 13.6719, 1.5190



123.6630, 1.1521, 3.8035



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.



219.0160, 5.9081, 18.4030



228.5050, 7.6390, 23.2361



217.0780, -1.5175, 20.1026



112.6140, 2.1623, 6.4775



70.4060, 31.8448, 99.6219



21.4180, 9.6539, 30.3284

Inverse Universe

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



219.0160, 5.9081, 18.4030



228.5050, 7.6390, 23.2361



228.8080, 1.0807, -20.0026



112.6140, 2.1623, 6.4775



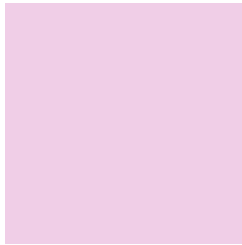
70.4060, 31.8448, 99.6219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 219.0160, 5.9081, 18.4030 looks on a white background.

Color Contrast Check

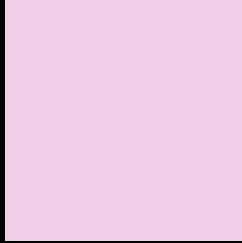
Large Text (above 18pt) WCAG AA × Fail

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 219.0160, 5.9081, 18.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

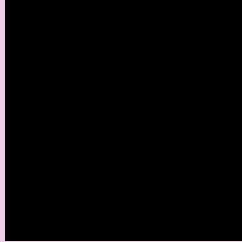
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.0160, 5.9081, 18.4030

Background



This preview shows how black text looks on a background with the YUV color 219.0160, 5.9081, 18.4030.



This preview shows how white text looks on a background with the YUV color 219.0160, 5.9081,

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

219.0160, 5.9081, 18.4030

Protanopia

216.5080, 9.6096, -2.1995

Deuteranopia

218.2600, 5.7878, 10.2960



Tritanopia

218.3920, 2.2717, 18.0732

Trichromacy



Original Color

219.0160, 5.9081, 18.4030

Protanomaly

217.2100, 8.2775, 5.0778

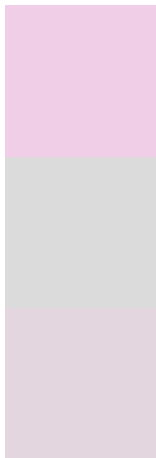
Deuteranomaly

218.8690, 5.4876, 13.2699

Tritanomaly

218.7340, 3.5821, 17.7733

Monochromacy



Original Color

219.0160, 5.9081, 18.4030

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.0160, 5.9081, 18.4030 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(240, 206, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 231)  
}
```

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(240, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 231) }
```

Border

The CSS property to change the border of an element to YUV 219.0160, 5.9081, 18.4030 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(240, 206, 231) }
```


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

```
.border{ border-color:rgb(240, 206, 231) }
```

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

Here you see how a box with a 4 pixel rgb(240, 206, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 219.0160, 5.9081, 18.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 231) }
```

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

```
.background{ background-color: rgb(240,  
206, 231) }
```

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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