

Converting Colors

YUV(218.3150, 5.7607, 19.0177)

Have a look what the booklet for
YUV(218.3150, 5.7607, 19.0177)
contains.

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Color

**YUV(218.3150, 5.7607,
19.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CDE6
RGB	240, 205, 230
RGB Percent	94%, 80%, 90%
CMY	0.0588, 0.1961, 0.0980
CMYK	0.00, 0.15, 0.04, 0.06
HSL	317°, 54%, 87%
HSV	317°, 15%, 94%
XYZ	72.0494, 67.9011, 84.1717
YIQ	218.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

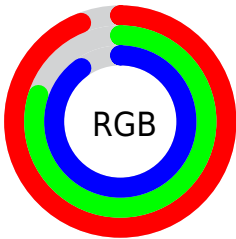
Format	Color
R _Y B	240, 205, 230
Decimal	15781350
CIE Lab	85.96, 16.43, -7.77
CIE LCh	86, 18.171, 334.696
Yxy	67.9011, 0.3215, 0.3030
Android (android.graphics.Color)	4293971430 (0xFFFF0CDE6)
YUV	218.3150, 5.7607, 19.0177
Hunter-Lab	82.4021, 11.8703, -2.8818

Details

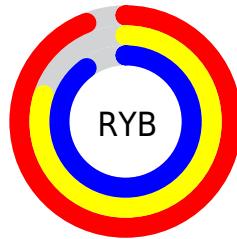
The YUV color **218.3150, 5.7607, 19.0177** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **226.6850, -5.7607, -19.0177**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **163.6030, 5.6187, 17.8882** is the 20% darker color. If you saturate the color by 10%, you get **203.4290, 9.6485, 32.0728**, and if you desaturate by 10%, it is **233.2010, 1.8729, 5.9627**.

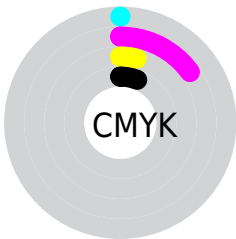
Distribution



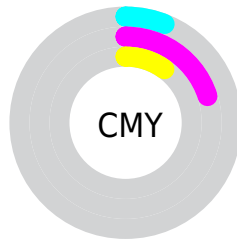
- Red (94%)
- Green (80%)
- Blue (90%)



- Red (94%)
- Yellow (80%)
- Blue (90%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.3150, 5.7607, 19.0177 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 218.3150, 5.7607, 19.0177 by changing the saturation by 10% instead.


 218.3150, 5.7607,
19.0177


 218.3150, 5.7607,
19.0177


255.0000, 0.0000,
0.0000


 190.3150, 5.7607,
19.0177

 163.6030, 5.6187,
17.8882

 137.1900, 5.3293,
17.3734

 111.4780, 5.1873,
16.2438

 87.0650, 4.8980,
15.7290

 63.7660, 5.0454,
15.1142

 41.0540, 4.9034,

13.9846

■ 19.1680, 5.3402,
13.8847

■ 0.2280, 0.8736,
-0.2000

■ 218.3150, 5.7607,
19.0177

■ 218.3150, 5.7607,
19.0177

■ 203.4290, 9.6485,
32.0728

■ 233.2010, 1.8729,
5.9627

■ 188.5430, 13.5363,
45.1278

■ 248.0870, -2.0149,
-7.0923

■ 173.6570, 17.4241,
58.1828

■ 250.0590, 0.4639,
-8.8217

■ 158.8850, 21.7487,
71.1379

■ 250.5150, 2.2111,
-9.2217

■ 143.9990, 25.6365,
84.1929

■ 129.1130, 29.5243,
97.2479

■ 114.2270, 33.4121,
110.3029

■ 99.3410, 37.2999,
123.3579

■ 91.2540, 39.3148,
130.4502

Harmonies

Analogous

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



217.3500, 12.6455, 4.0781



218.3150, 5.7607, 19.0177



218.1930, -2.5601, 27.8947

Triad

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



218.3150, 5.7607, 19.0177



214.4130, -16.4726, 10.1618



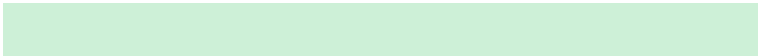
208.9940, 12.3280, -34.1977

Complementary

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



218.3150, 5.7607, 19.0177



226.6850, -5.7607, -19.0177

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.



208.8390, 4.0234, -30.5538



218.3150, 5.7607, 19.0177



212.2370, -12.9348, -4.5928

Square

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



218.3150, 5.7607, 19.0177



216.0170, -15.7844, 22.7871



210.2010, -5.0291, -20.3473



211.4770, 16.5268, -27.6053

Rectangle

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



218.3150, 5.7607, 19.0177



218.0100, -8.3859, 29.8092



210.2010, -5.0291, -20.3473



209.0110, 9.8546, -34.2126

Sweetspot

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



218.3150, 5.7607, 19.0177



248.7880, 1.5835, 5.4479



211.9800, 13.8139, 2.6485



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.



218.3150, 5.7607, 19.0177



226.5160, 7.6336, 24.9805



216.3770, -1.6649, 20.7174



112.5000, 1.7255, 6.5775



69.9500, 30.0976, 100.0219



21.3040, 9.2171, 30.4284

Inverse Universe

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



218.3150, 5.7607, 19.0177



226.5160, 7.6336, 24.9805



228.6230, 1.6649, -20.7174



112.5000, 1.7255, 6.5775



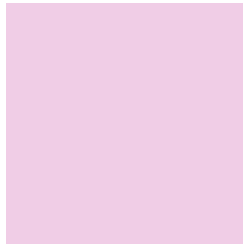
69.9500, 30.0976, 100.0219



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 218.3150, 5.7607, 19.0177 looks on a white background.

Color Contrast Check

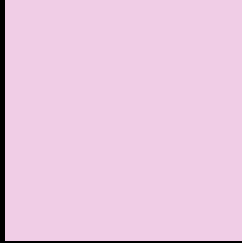
Large Text (above 18pt) WCAG AA × Fail

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 218.3150, 5.7607, 19.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

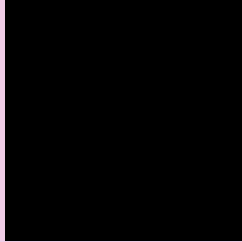
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.3150, 5.7607, 19.0177

Background



This preview shows how black text looks on a background with the YUV color 218.3150, 5.7607, 19.0177.



This preview shows how white text looks on a background with the YUV color 218.3150, 5.7607,

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

218.3150, 5.7607, 19.0177

Protanopia

216.0950, 9.3202, -2.7143

Deuteranopia

217.5590, 5.6404, 10.9108



Tritanopia

217.6910, 2.1243, 18.6880

Trichromacy



Original Color

218.3150, 5.7607, 19.0177

Protanomaly

217.0960, 7.8407, 5.1778

Deuteranomaly

218.1680, 5.3402, 13.8847

Tritanomaly

218.0330, 3.4347, 18.3881

Monochromacy



Original Color

218.3150, 5.7607, 19.0177

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3150, 5.7607, 19.0177 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, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 205, 230)  
}
```

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, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 205, 230) }
```

Border

The CSS property to change the border of an element to YUV 218.3150, 5.7607, 19.0177 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, 205, 230) }
```


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

```
.border{ border-color:rgb(240, 205, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 205, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 205,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 218.3150, 5.7607, 19.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 205, 230) }
```

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

```
.background{ background-color: rgb(240,  
205, 230) }
```

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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