

Converting Colors

YUV(218.0770, 3.4130, 25.3655)

Have a look what the booklet for
YUV(218.0770, 3.4130, 25.3655)
contains.

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Color

**YUV(218.0770, 3.4130,
25.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CAE1
RGB	247, 202, 225
RGB Percent	97%, 79%, 88%
CMY	0.0314, 0.2078, 0.1176
CMYK	0.00, 0.18, 0.09, 0.03
HSL	329°, 74%, 88%
HSV	329°, 18%, 97%
XYZ	73.0689, 67.4515, 80.4024
YIQ	218.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

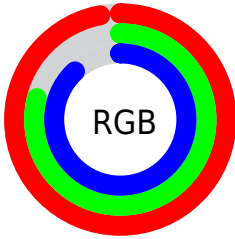
Format	Color
R _Y B	247, 202, 225
Decimal	16239329
CIE Lab	85.73, 19.54, -5.37
CIE LCh	86, 20.266, 344.623
Yxy	67.4515, 0.3307, 0.3053
Android (android.graphics.Color)	4294429409 (0xFFF7CAE1)
YUV	218.0770, 3.4130, 25.3655
Hunter-Lab	82.1288, 15.0836, -0.5535

Details

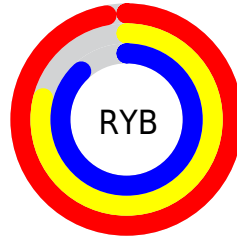
The YUV color $218.0770, 3.4130, 25.3655$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.9230, -3.4130, -25.3655$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.0660, 3.4185, 23.6211$ is the 20% darker color. If you saturate the color by 10%, you get $202.0340, 5.4062, 39.4352$, and if you desaturate by 10%, it is $234.1200, 1.4198, 11.2958$.

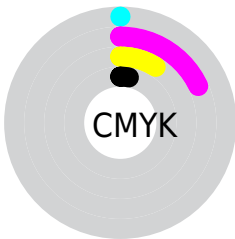
Distribution



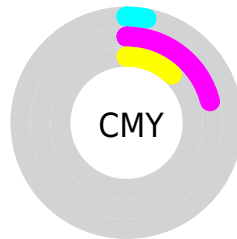
- Red (97%)
- Green (79%)
- Blue (88%)



- Red (97%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.0770, 3.4130, 25.3655 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 218.0770, 3.4130, 25.3655 by changing the saturation by 10% instead.

 218.0770, 3.4130,
25.3655

 218.0770, 3.4130,
25.3655


255.0000, 0.0000,
0.0000

 190.3650, 3.2711,
24.2359

 163.0660, 3.4185,
23.6211

 136.6530, 3.1291,
23.1063

 111.0550, 3.4239,
21.8768

 86.6420, 3.1345,
21.3620

 62.9300, 2.9925,
20.2324

 40.3320, 3.2873,

19.0028

■ 17.5600, 4.1609,
18.8029

■ 0.8970, -0.4422,
1.8443

■ 218.0770, 3.4130,
25.3655

■ 218.0770, 3.4130,
25.3655

■ 202.0340, 5.4062,
39.4352

■ 234.1200, 1.4198,
11.2958

■ 186.5780, 7.1100,
52.9901

■ 249.5760, -0.2840,
-2.2592

■ 170.5350, 9.1032,
67.0598

■ 252.6080, 1.1793,
-4.9182

■ 154.4920, 11.0964,
81.1295

■ 138.4490, 13.0896,
95.1992

■ 122.9930, 14.7935,
108.7541

■ 106.8360, 16.3499,
122.9238

■ 90.7930, 18.3431,
136.9935

■ 88.2170, 18.6270,
139.2527

Harmonies

Analogous

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



216.9810, 12.3344, 10.5407



218.0770, 3.4130, 25.3655



217.6020, -6.2128, 32.7980

Triad

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



218.0770, 3.4130, 25.3655



212.7500, -17.6247, 6.3582



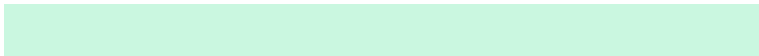
208.5960, 15.9752, -37.3567

Complementary

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



218.0770, 3.4130, 25.3655



230.9230, -3.4130, -25.3655

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.



207.4190, 7.6814, -37.2015



218.0770, 3.4130, 25.3655



210.2470, -11.4608, -10.7406

Square

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



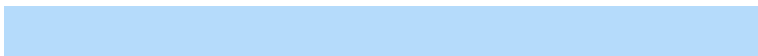
218.0770, 3.4130, 25.3655



215.0230, -18.2523, 21.0278



208.2540, -2.0972, -27.4098



211.2860, 19.5790, -26.5608

Rectangle

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



218.0770, 3.4130, 25.3655



217.1090, -11.8857, 32.3534



208.2540, -2.0972, -27.4098



207.9010, 13.3598, -38.5012

Sweetspot

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



218.0770, 3.4130, 25.3655



246.6850, 1.1413, 7.2923



213.7080, 16.4130, 9.0261



122.8480, 0.5679, 4.5183



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.



218.0770, 3.4130, 25.3655



219.0500, 4.4124, 31.5282



215.5690, -6.1965, 27.5650



114.2720, 0.8519, 6.7775



66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Inverse Universe

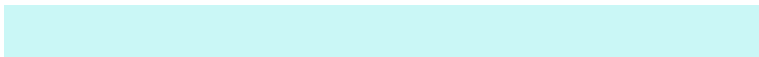
The Inverse Universe completely reimagines the original color for something new.



218.0770, 3.4130, 25.3655



219.0500, 4.4124, 31.5282



233.4310, 6.1965, -27.5650



114.2720, 0.8519, 6.7775



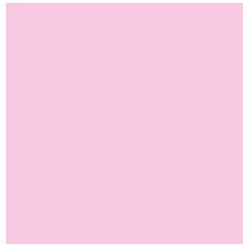
66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 218.0770, 3.4130, 25.3655 looks on a white background.

Color Contrast Check

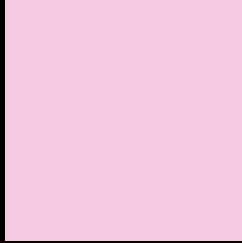
Large Text (above 18pt) WCAG AA × Fail

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 218.0770, 3.4130, 25.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

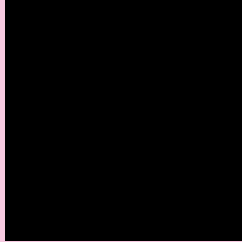
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.0770, 3.4130, 25.3655

Background



This preview shows how black text looks on a background with the YUV color 218.0770, 3.4130, 25.3655.



This preview shows how white text looks on a background with the YUV color 218.0770, 3.4130,

25.3655.

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

218.0770, 3.4130, 25.3655

Protanopia

215.1660, 8.2992, -1.8996

Deuteranopia

216.7010, 3.5984, 12.5402



Tritanopia

217.6810, 0.6503, 24.8358

Trichromacy



Original Color

218.0770, 3.4130, 25.3655

Protanomaly

216.0640, 6.3774, 7.8369

Deuteranomaly

217.3210, 3.2927, 17.2585

Tritanomaly

217.9090, 1.5239, 24.6358

Monochromacy



Original Color

218.0770, 3.4130, 25.3655

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1090, 1.4253, 9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.0770, 3.4130, 25.3655 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(247, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 225)  
}
```

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(247, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 225) }
```

Border

The CSS property to change the border of an element to YUV 218.0770, 3.4130, 25.3655 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(247, 202, 225) }
```


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

```
.border{ border-color:rgb(247, 202, 225) }
```

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

Here you see how a box with a 4 pixel rgb(247, 202, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 218.0770, 3.4130, 25.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 225) }
```

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

```
.background{ background-color: rgb(247,  
202, 225) }
```

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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