

Converting Colors

YUV(218.0670, 1.9390, 31.5132)

Have a look what the booklet for
YUV(218.0670, 1.9390, 31.5132)
contains.

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Color

**YUV(218.0670, 1.9390,
31.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC7DE
RGB	254, 199, 222
RGB Percent	100%, 78%, 87%
CMY	0.0039, 0.2196, 0.1294
CMYK	0.00, 0.22, 0.13, 0.00
HSL	335°, 96%, 89%
HSV	335°, 22%, 100%
XYZ	74.4813, 67.1916, 78.1509
YIQ	218.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

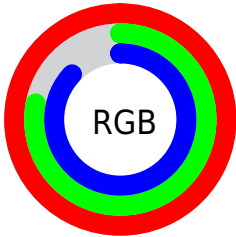
Format	Color
RYB	254, 199, 222
Decimal	16697310
CIELab	85.60, 23.04, -3.90
CIELCh	86, 23.364, 350.401
Yxy	67.1916, 0.3388, 0.3057
Android (android.graphics.Color)	4294887390 (0xFFFE7DE)
YUV	218.0670, 1.9390, 31.5132
Hunter-Lab	81.9705, 18.7431, 0.8521

Details

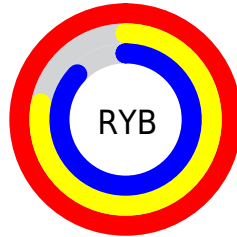
The YUV color **218.0670, 1.9390, 31.5132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **234.9330, -1.9390, -31.5132**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **163.0560, 1.9444, 29.7689** is the 20% darker color. If you saturate the color by 10%, you get **201.6820, 2.6218, 45.8829**, and if you desaturate by 10%, it is **234.4520, 1.2562, 17.1436**.

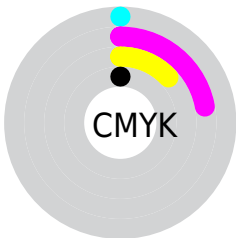
Distribution



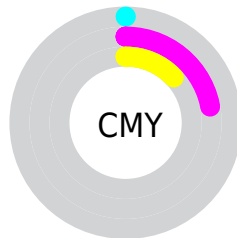
- Red (100%)
- Green (78%)
- Blue (87%)



- Red (100%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.0670, 1.9390, 31.5132 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 218.0670, 1.9390, 31.5132 by changing the saturation by 10% instead.

218.0670, 1.9390,
31.5132

218.0670, 1.9390,
31.5132

255.0000, 0.0000,
0.0000

190.3550, 1.7970,
30.3837

163.0560, 1.9444,
29.7689

136.4580, 2.2392,
28.5393

110.7460, 2.0972,
27.4098

86.1480, 2.3920,
26.1802

62.4360, 2.2501,
25.0506

38.9520, 2.9817,

23.7211

■ 16.7670, 3.5659,
23.0063

■ 3.2890, -1.6215,
6.7625

■ 218.0670, 1.9390,
31.5132

■ 218.0670, 1.9390,
31.5132

■ 201.6820, 2.6218,
45.8829

■ 234.4520, 1.2562,
17.1436

■ 184.7100, 3.5940,
60.7673

■ 251.4240, 0.2840,
2.2592

■ 168.4390, 4.7136,
75.0370

■ 254.7010, 0.1474,
-0.6148

■ 151.4670, 5.6858,
89.9214

■ 135.0820, 6.3686,
104.2911

■ 118.6970, 7.0514,
118.6607

■ 101.8390, 8.4604,
133.4452

■ 88.0300, 8.8592,
145.5557

Harmonies

Analogous

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



217.9000, 11.8813, 15.8737



218.0670, 1.9390, 31.5132



215.8580, -7.8180, 34.3275

Triad

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



218.0670, 1.9390, 31.5132



211.2720, -19.3611, 3.2695



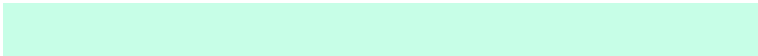
206.8880, 19.7752, -42.8748

Complementary

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



218.0670, 1.9390, 31.5132



234.9330, -1.9390, -31.5132

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.



205.4010, 11.6343, -45.0787



218.0670, 1.9390, 31.5132



208.8010, -11.7339, -16.4885

Square

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



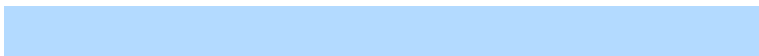
218.0670, 1.9390, 31.5132



213.9260, -21.1625, 21.1129



206.0790, -0.0389, -34.2723



210.5570, 21.9104, -27.6755

Rectangle

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



218.0670, 1.9390, 31.5132



215.4360, -14.5119, 34.6976



206.0790, -0.0389, -34.2723



206.0080, 17.7441, -44.7340

Sweetspot

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



218.0670, 1.9390, 31.5132



245.1690, 0.4097, 8.6218



214.5390, 19.4543, 13.5593



122.0330, -0.0163, 5.2331



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.



218.0670, 1.9390, 31.5132



211.8120, 2.0647, 37.8759



217.7930, -9.2649, 31.7535



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Inverse Universe

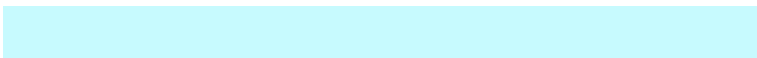
The Inverse Universe completely reimagines the original color for something new.



218.0670, 1.9390, 31.5132



211.8120, 2.0647, 37.8759



235.2070, 9.2649, -31.7535



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 218.0670, 1.9390, 31.5132 looks on a white background.

Color Contrast Check

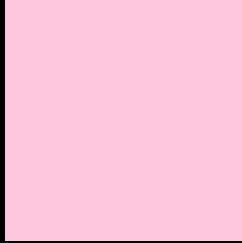
Large Text (above 18pt) WCAG AA × Fail

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 218.0670, 1.9390, 31.5132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

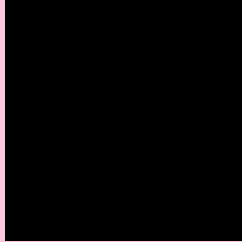
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.0670, 1.9390, 31.5132

Background



This preview shows how black text looks on a background with the YUV color 218.0670, 1.9390, 31.5132.



This preview shows how white text looks on a background with the YUV color 218.0670, 1.9390,

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

218.0670, 1.9390, 31.5132

Protanopia

214.9380, 7.4256, -1.6996

Deuteranopia

216.5440, 1.7038, 13.5549



Tritanopia

217.6710, -0.8238, 30.9835

Trichromacy



Original Color

218.0670, 1.9390, 31.5132

Protanomaly

216.1460, 5.3510, 10.3960

Deuteranomaly

217.2890, 1.8295, 19.9175

Tritanomaly

217.8990, 0.0498, 30.7836

Monochromacy



Original Color

218.0670, 1.9390, 31.5132

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.0670, 1.9390, 31.5132 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(254, 199, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 222)  
}
```

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(254, 199, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 222) }
```

Border

The CSS property to change the border of an element to YUV 218.0670, 1.9390, 31.5132 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(254, 199, 222) }
```


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

```
.border{ border-color:rgb(254, 199, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 218.0670, 1.9390, 31.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 222) }
```

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

```
.background{ background-color: rgb(254,  
199, 222) }
```

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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