

Converting Colors

YUV(216.7670, 3.5659, 23.0063)

Have a look what the booklet for
YUV(216.7670, 3.5659, 23.0063)
contains.

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Color

**YUV(216.7670, 3.5659,
23.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CAE0
RGB	243, 202, 224
RGB Percent	95%, 79%, 88%
CMY	0.0471, 0.2078, 0.1216
CMYK	0.00, 0.17, 0.08, 0.05
HSL	328°, 63%, 87%
HSV	328°, 17%, 95%
XYZ	71.5372, 66.6776, 79.6206
YIQ	216.7670, 17.3740, 15.5340

Conversions

Conversions Part 2

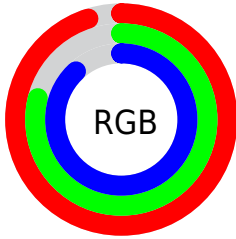
Format	Color
R _Y B	243, 202, 224
Decimal	15977184
CIE Lab	85.34, 18.00, -5.46
CIE LCh	85, 18.810, 343.128
Yxy	66.6776, 0.3284, 0.3061
Android (android.graphics.Color)	4294167264 (0xFFFF3CAE0)
YUV	216.7670, 3.5659, 23.0063
Hunter-Lab	81.6563, 13.4811, -0.6525

Details

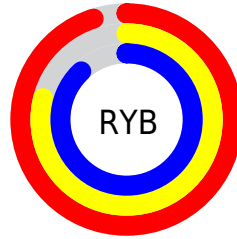
The YUV color $216.7670, 3.5659, 23.0063$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $228.2330, -3.5659, -23.0063$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.0550, 3.4239, 21.8768$ is the 20% darker color. If you saturate the color by 10%, you get $201.4250, 5.7065, 36.4613$, and if you desaturate by 10%, it is $232.1090, 1.4253, 9.5514$.

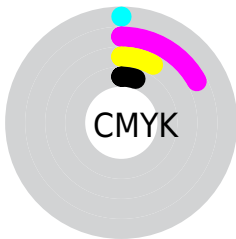
Distribution



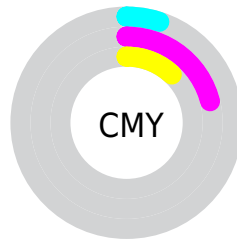
- Red (95%)
- Green (79%)
- Blue (88%)



- Red (95%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7670, 3.5659, 23.0063 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 216.7670, 3.5659, 23.0063 by changing the saturation by 10% instead.

 216.7670, 3.5659,
23.0063

 216.7670, 3.5659,
23.0063

255.0000, 0.0000,
0.0000


 189.0550, 3.4239,
21.8768

 162.0550, 3.4239,
21.8768

 135.3430, 3.2819,
20.7472

 110.0440, 3.4293,
20.1324

 85.3320, 3.2873,
19.0028

 62.0330, 3.4347,
18.3881

 39.3210, 3.2927,

17.2585

■ 17.5490, 4.1663,
17.0585

■ 0.0000, 0.0000,
0.0000

■ 216.7670, 3.5659,
23.0063

■ 216.7670, 3.5659,
23.0063

■ 201.4250, 5.7065,
36.4613

■ 232.1090, 1.4253,
9.5514

■ 185.3820, 7.6997,
50.5310

■ 248.1520, -0.5679,
-4.5183

■ 170.0400, 9.8403,
63.9859

■ 251.4120, 1.7689,
-7.3773

■ 154.6980, 11.9809,
77.4409

■ 138.7690, 14.4109,
91.4106

■ 123.3130, 16.1147,
104.9655

■ 107.9710, 18.2553,
118.4204

■ 92.6290, 20.3959,
131.8754

■ 87.4770, 20.9638,
136.3937

Harmonies

Analogous

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



215.7420, 11.4662, 8.9963



216.7670, 3.5659, 23.0063



216.5200, -5.1864, 30.2390

Triad

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



216.7670, 3.5659, 23.0063



212.0920, -16.3144, 6.0583



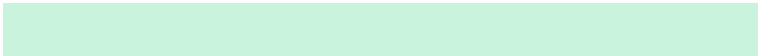
207.5640, 14.5119, -34.6976

Complementary

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



216.7670, 3.5659, 23.0063



228.2330, -3.5659, -23.0063

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.



206.9140, 6.9444, -34.1276



216.7670, 3.5659, 23.0063



209.9590, -11.3188, -9.6110

Square

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



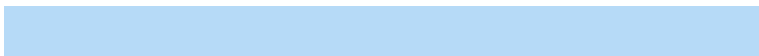
216.7670, 3.5659, 23.0063



214.0660, -16.7945, 20.1131



207.7490, -2.8343, -24.3359



210.5420, 17.9738, -25.0313

Rectangle

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



216.7670, 3.5659, 23.0063



215.5540, -10.1331, 30.2091



207.7490, -2.8343, -24.3359



207.2820, 12.1860, -35.3273

Sweetspot

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



216.7670, 3.5659, 23.0063



246.6850, 1.1413, 7.2923



212.0560, 15.2554, 6.9669



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.



216.7670, 3.5659, 23.0063



222.3270, 4.2758, 28.6542



214.4870, -5.1701, 25.0059



114.3860, 1.2887, 6.6775



67.0140, 16.2621, 104.3507



21.1750, 4.8437, 33.1725

Inverse Universe

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



216.7670, 3.5659, 23.0063



222.3270, 4.2758, 28.6542



230.5130, 5.1701, -25.0059



114.3860, 1.2887, 6.6775



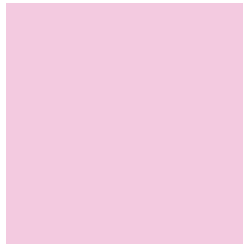
67.0140, 16.2621, 104.3507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 216.7670, 3.5659, 23.0063 looks on a white background.

Color Contrast Check

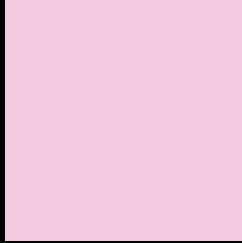
Large Text (above 18pt) WCAG AA × Fail

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 216.7670, 3.5659, 23.0063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

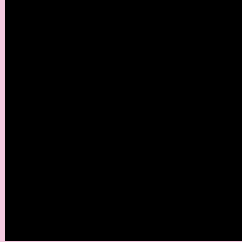
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.7670, 3.5659, 23.0063

Background



This preview shows how black text looks on a background with the YUV color 216.7670, 3.5659, 23.0063.



This preview shows how white text looks on a background with the YUV color 216.7670, 3.5659,

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

216.7670, 3.5659, 23.0063

Protanopia

214.0520, 7.8624, -1.7996

Deuteranopia

215.7010, 3.5984, 12.5402



Tritanopia

216.4850, 1.2399, 22.3767

Trichromacy



Original Color

216.7670, 3.5659, 23.0063

Protanomaly

214.7650, 6.5249, 7.2221

Deuteranomaly

216.0220, 3.4402, 16.6437

Tritanomaly

216.7130, 2.1135, 22.1767

Monochromacy



Original Color

216.7670, 3.5659, 23.0063

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7670, 3.5659, 23.0063 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(243, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 224)  
}
```

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(243, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 224) }
```

Border

The CSS property to change the border of an element to YUV 216.7670, 3.5659, 23.0063 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(243, 202, 224) }
```


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

```
.border{ border-color:rgb(243, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 216.7670, 3.5659, 23.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 224) }
```

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

```
.background{ background-color: rgb(243,  
202, 224) }
```

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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