

Converting Colors

YUV(216.9120, 10.3964,
25.5102)

Have a look what the booklet for
YUV(216.9120, 10.3964, 25.5102)
contains.

YUV(216.9120, 10.3964, 25.5102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.9120, 10.3964,
25.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C6EE
RGB	246, 198, 238
RGB Percent	96%, 78%, 93%
CMY	0.0353, 0.2235, 0.0667
CMYK	0.00, 0.20, 0.03, 0.04
HSL	310°, 73%, 87%
HSV	310°, 20%, 96%
XYZ	73.6327, 66.1540, 89.7771
YIQ	216.9120, 15.7680, 22.6160

Conversions

Conversions Part 2

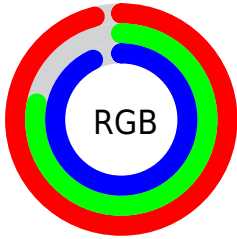
Format	Color
R _Y B	246, 198, 238
Decimal	16172782
CIE Lab	85.07, 23.55, -13.27
CIE LCh	85, 27.030, 330.586
Yxy	66.1540, 0.3208, 0.2882
Android (android.graphics.Color)	4294362862 (0xFFFF6C6EE)
YUV	216.9120, 10.3964, 25.5102
Hunter-Lab	81.3351, 19.2596, -8.5092

Details

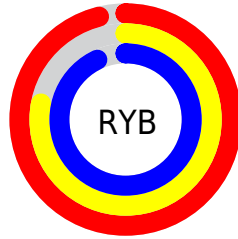
The YUV color $216.9120, 10.3964, 25.5102$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $227.0880, -10.3964, -25.5102$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.7870, 9.9650, 23.8658$ is the 20% darker color. If you saturate the color by 10%, you get $201.7810, 15.8840, 38.7801$, and if you desaturate by 10%, it is $232.0430, 4.9088, 12.2403$.

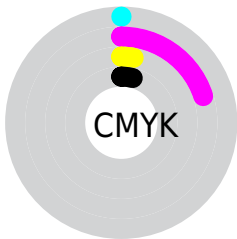
Distribution



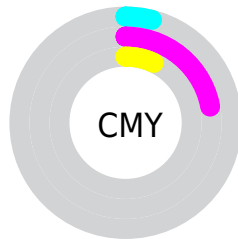
- Red (96%)
- Green (78%)
- Blue (93%)



- Red (96%)
- Yellow (78%)
- Blue (93%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9120, 10.3964, 25.5102 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 216.9120, 10.3964, 25.5102 by changing the saturation by 10% instead.

 216.9120, 10.3964,
25.5102


 216.9120, 10.3964,
25.5102


255.0000, 0.0000,
0.0000


 189.2000, 10.2544,
24.3806

 161.7870, 9.9650,
23.8658

 135.3740, 9.6756,
23.3510

 109.6620, 9.5336,
22.2214

 85.2490, 9.2442,
21.7066

 61.5370, 9.1023,
20.5771

 38.8250, 8.9603,

19.4475

■ 16.2380, 9.2497,
19.9623

■ 1.6670, 5.0942,
-0.5850

■ 216.9120, 10.3964,
25.5102

■ 216.9120, 10.3964,
25.5102

■ 201.7810, 15.8840,
38.7801

■ 232.0430, 4.9088,
12.2403

■ 187.2370, 21.0822,
51.5352

■ 246.5870, -0.2894,
-0.5148

■ 172.1060, 26.5697,
64.8050

■ 251.7390, -0.8573,
-5.0331

■ 157.5620, 31.7679,
77.5601

■ 252.1950, 0.8899,
-5.4330

■ 142.3170, 36.8187,
90.9300

■ 252.3090, 1.3267,
-5.5330

■ 127.1860, 42.3063,
104.1999

■ 112.6420, 47.5045,
116.9550

■ 97.5110, 52.9921,
130.2249

■ 96.9240, 53.2815,
130.7397

Harmonies

Analogous

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



214.8750, 19.7816, 1.8636



216.9120, 10.3964, 25.5102



214.4050, -0.6927, 35.6018

Triad

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



216.9120, 10.3964, 25.5102



211.3940, -24.3512, 17.1945



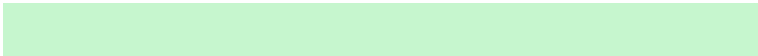
201.6540, 17.9186, -54.0706

Complementary

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



216.9120, 10.3964, 25.5102



227.0880, -10.3964, -25.5102

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.



202.2670, 4.7984, -45.8382



216.9120, 10.3964, 25.5102



208.4020, -19.9182, -4.7376

Square

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



216.9120, 10.3964, 25.5102



213.4870, -21.9321, 34.6529



204.8320, -8.7912, -27.0397



204.8320, 24.7328, -46.3337

Rectangle

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



216.9120, 10.3964, 25.5102



213.0540, -8.4076, 36.7866



204.8320, -8.7912, -27.0397



201.5140, 13.5506, -53.0708

Sweetspot

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



216.9120, 10.3964, 25.5102



245.8530, 3.0305, 8.0219



205.8640, 19.7870, 0.1193



122.4890, 1.7309, 4.8331



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.



216.9120, 10.3964, 25.5102



219.2270, 12.7061, 31.3729



214.1760, -0.0868, 27.9096



114.7280, 2.5991, 6.3775



73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Inverse Universe

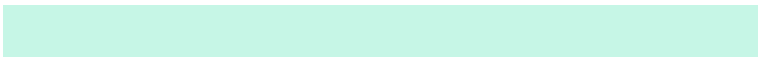
The Inverse Universe completely reimagines the original color for something new.



216.9120, 10.3964, 25.5102



219.2270, 12.7061, 31.3729



229.8240, 0.0868, -27.9096



114.7280, 2.5991, 6.3775



73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 216.9120, 10.3964, 25.5102 looks on a white background.

Color Contrast Check

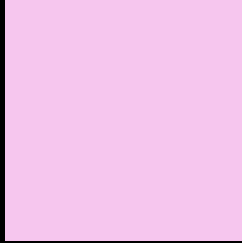
Large Text (above 18pt) WCAG AA × Fail

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 216.9120, 10.3964, 25.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

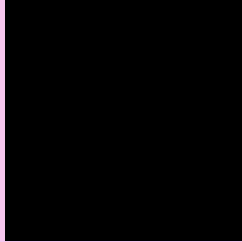
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.9120, 10.3964, 25.5102

Background



This preview shows how black text looks on a background with the YUV color 216.9120, 10.3964, 25.5102.



This preview shows how white text looks on a background with the YUV color 216.9120, 10.3964,

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

216.9120, 10.3964, 25.5102

Protanopia

213.4950, 16.0250, -6.5731

Deuteranopia

214.7910, 10.4560, 6.3223



Tritanopia

215.9690, 0.5083, 23.7062

Trichromacy



Original Color

216.9120, 10.3964, 25.5102

Protanomaly

214.7030, 13.9504, 5.5225

Deuteranomaly

215.8350, 10.4343, 13.2997

Tritanomaly

216.5930, 4.1447, 24.0359

Monochromacy



Original Color

216.9120, 10.3964, 25.5102

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0920, 3.8986, 9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9120, 10.3964, 25.5102 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(246, 198, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 198, 238)  
}
```

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(246, 198, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 198, 238) }
```

Border

The CSS property to change the border of an element to YUV 216.9120, 10.3964, 25.5102 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(246, 198, 238) }
```


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

```
.border{ border-color:rgb(246, 198, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 198, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 198, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 198, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 198,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 216.9120, 10.3964, 25.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 198, 238) }
```

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

```
.background{ background-color: rgb(246,  
198, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor