

Converting Colors

YUV(206.4690, 22.4468,
33.7917)

Have a look what the booklet for
YUV(206.4690, 22.4468, 33.7917)
contains.

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Color

**YUV(206.4690, 22.4468,
33.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B2FC
RGB	245, 178, 252
RGB Percent	96%, 70%, 99%
CMY	0.0392, 0.3020, 0.0118
CMYK	0.03, 0.29, 0.00, 0.01
HSL	294°, 93%, 84%
HSV	294°, 29%, 99%
XYZ	71.1473, 58.2815, 99.5951
YIQ	206.4690, 16.1780, 37.2180

Conversions

Conversions Part 2

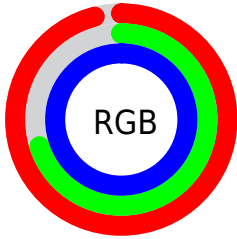
Format	Color
R _Y B	245, 178, 252
Decimal	16102140
CIE _{Lab}	80.90, 36.34, -27.08
CIE _{LCh}	81, 45.319, 323.301
Yxy	58.2815, 0.3107, 0.2545
Android (android.graphics.Color)	4294292220 (0xFFFF5B2FC)
YUV	206.4690, 22.4468, 33.7917
Hunter-Lab	76.3423, 32.7540, -23.9092

Details

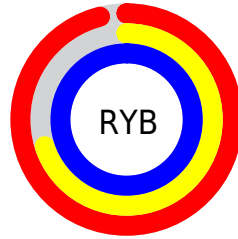
The YUV color $206.4690, 22.4468, 33.7917$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.5310, -22.4468, -33.7917$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6730, 6.0772, 10.8108$, and $151.2300, 21.5786, 32.2473$ is the 20% darker color. If you saturate the color by 10%, you get $191.1960, 29.9764, 45.4321$, and if you desaturate by 10%, it is $221.7420, 14.9172, 22.1513$.

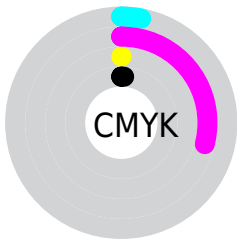
Distribution



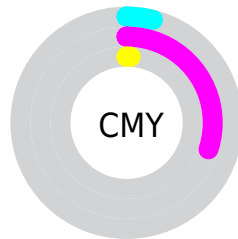
- Red (96%)
- Green (70%)
- Blue (99%)



- Red (96%)
- Yellow (70%)
- Blue (99%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.4690, 22.4468, 33.7917 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 206.4690, 22.4468, 33.7917 by changing the saturation by 10% instead.

 206.4690, 22.4468,
33.7917


 206.4690, 22.4468,
33.7917


255.0000, 0.0000,
0.0000


 178.6430, 21.8680,
32.7621


 242.6730, 6.0772,
10.8108

 151.2300, 21.5786,
32.2473

 125.1050, 21.1472,
30.6029

 99.2790, 20.5685,
29.5733

 73.9800, 20.7159,
28.9585

 49.5670, 20.4265,
28.4437

 24.6810, 20.8633,

28.3438

■ 16.1930, 14.2019,
18.2477

■ 3.2090, 9.7570,
-2.8143

■ 206.4690, 22.4468,
33.7917

■ 206.4690, 22.4468,
33.7917

■ 191.1960, 29.9764,
45.4321

■ 221.7420, 14.9172,
22.1513

■ 175.6240, 37.6534,
56.4578

■ 237.3140, 7.2402,
11.1256

■ 159.7640, 45.4723,
68.6130

■ 253.1740, -0.5788,
-1.0296

■ 144.1920, 53.1493,
79.6386

■ 254.6580, -1.3104,
0.2999

■ 128.9190, 60.6789,
91.2790

■ 113.6460, 68.2085,
102.9195

■ 98.0740, 75.8855,
113.9451

■ 96.9000, 76.4643,
114.9747

Harmonies

Analogous

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



199.4700, 27.3763, -7.4282



206.4690, 22.4468, 33.7917



199.0290, 6.3947, 49.0866

Triad

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



206.4690, 22.4468, 33.7917



198.5520, -40.6981, 33.7189



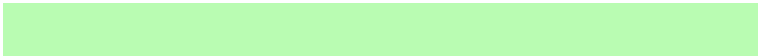
157.4630, 37.2397, -138.0951

Complementary

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



206.4690, 22.4468, 33.7917



223.5310, -22.4468, -33.7917

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.



177.9760, 5.9278, -81.5400



206.4690, 22.4468, 33.7917



194.1950, -36.0851, 0.7060

Square

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



206.4690, 22.4468, 33.7917



197.1810, -31.1482, 50.7073



188.3070, -19.3784, -37.9802



158.2320, 47.7066, -135.2615

Rectangle

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



206.4690, 22.4468, 33.7917



195.7230, -6.2724, 51.9859



188.3070, -19.3784, -37.9802



163.0430, 27.5868, -121.9407

Sweetspot

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



206.4690, 22.4468, 33.7917



240.9010, 6.9508, 10.6108



190.5450, 30.2973, -11.0020



118.5970, 4.6357, 6.4924



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.



206.4690, 22.4468, 33.7917



200.3650, 26.9351, 40.8989



205.1420, 8.3110, 41.0945



117.0700, 3.9095, 6.0776



72.6750, 57.3482, 86.2310



23.3990, 18.5373, 27.7141

Inverse Universe

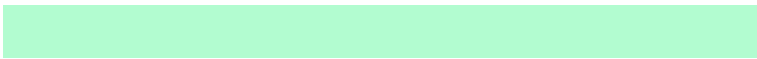
The Inverse Universe completely reimagines the original color for something new.



200.9240, -7.8505, 44.7937



193.5230, -9.6248, 53.9153



224.8580, -8.3110, -41.0945



116.1150, -1.0427, 7.7921



58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 206.4690, 22.4468, 33.7917 looks on a white background.

Color Contrast Check

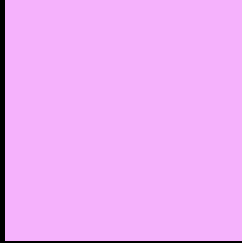
Large Text (above 18pt) WCAG AA × Fail

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 206.4690, 22.4468, 33.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

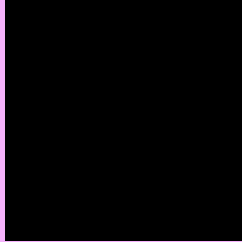
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4690, 22.4468, 33.7917

Background



This preview shows how black text looks on a background with the YUV color 206.4690, 22.4468, 33.7917.

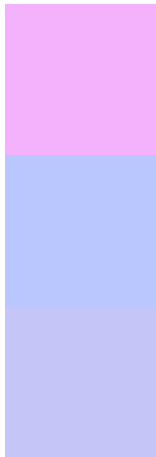


This preview shows how white text looks on a background with the YUV color 206.4690, 22.4468,

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

206.4690, 22.4468, 33.7917

Protanopia

201.4970, 26.3770, -13.5909

Deuteranopia

202.8140, 22.2767, -5.0989



Tritanopia

204.5460, -1.2552, 29.3392

Trichromacy



Original Color

206.4690, 22.4468, 33.7917



Protanomaly

202.9660, 25.1598, 3.5378



Deuteranomaly

203.9020, 22.2333, 8.8559



Tritanomaly

205.1470, 7.3225, 31.4431

Monochromacy



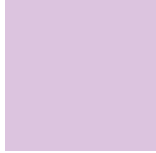
Original Color

206.4690, 22.4468, 33.7917



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.2540, 8.2558, 12.0552

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4690, 22.4468, 33.7917 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(245, 178, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 252)  
}
```

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(245, 178, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 252) }
```

Border

The CSS property to change the border of an element to YUV 206.4690, 22.4468, 33.7917 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(245, 178, 252) }
```


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

```
.border{ border-color:rgb(245, 178, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 178, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 206.4690, 22.4468, 33.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 252) }
```

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

```
.background{ background-color: rgb(245,  
178, 252) }
```

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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