

Converting Colors

YUV(205.3830, 19.5312,
35.6211)

Have a look what the booklet for
YUV(205.3830, 19.5312, 35.6211)
contains.

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Color

**YUV(205.3830, 19.5312,
35.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B1F5
RGB	246, 177, 245
RGB Percent	96%, 69%, 96%
CMY	0.0353, 0.3059, 0.0392
CMYK	0.00, 0.28, 0.00, 0.04
HSL	301°, 79%, 83%
HSV	301°, 28%, 96%
XYZ	70.2096, 57.6297, 93.8094
YIQ	205.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

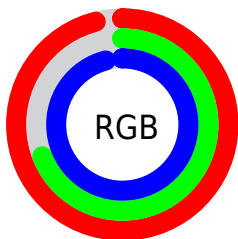
Format	Color
R _Y B	246, 177, 245
Decimal	16167413
CIE Lab	80.53, 35.90, -23.87
CIE LCh	81, 43.109, 326.373
Yxy	57.6297, 0.3168, 0.2600
Android (android.graphics.Color)	4294357493 (0xFFFF6B1F5)
YUV	205.3830, 19.5312, 35.6211
Hunter-Lab	75.9142, 32.2367, -20.1264

Details

The YUV color $205.3830, 19.5312, 35.6211$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $217.6170, -19.5312, -35.6211$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.3666, 11.3256$, and $150.2580, 19.0998, 33.9767$ is the 20% darker color. If you saturate the color by 10%, you get $190.7080, 26.7660, 48.4911$, and if you desaturate by 10%, it is $220.0580, 12.2964, 22.7511$.

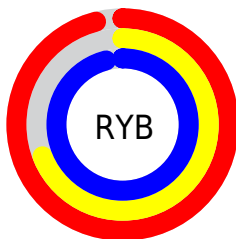
Distribution



Red (96%)

Green (69%)

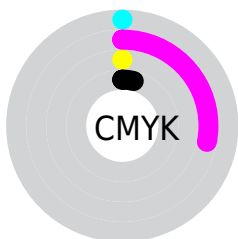
Blue (96%)



Red (96%)

Yellow (69%)

Blue (96%)

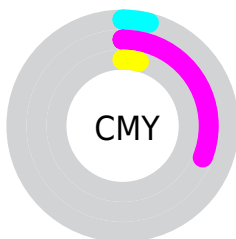


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.3830, 19.5312, 35.6211 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 205.3830, 19.5312, 35.6211 by changing the saturation by 10% instead.


 205.3830, 19.5312,
35.6211


 205.3830, 19.5312,
35.6211


255.0000, 0.0000,
0.0000


 177.5570, 18.9524,
34.5915


 242.0860, 6.3666,
11.3256

 150.2580, 19.0998,
33.9767

 124.0190, 18.2316,
32.4323

 98.3070, 18.0896,
31.3028

 73.0080, 18.2371,
30.6880

 48.5950, 17.9477,
30.1732

 24.4100, 18.5319,

29.4584

■ 15.9220, 11.8705,
19.3624

■ 2.5250, 7.1362,
-2.2144

■ 205.3830, 19.5312,
35.6211

■ 205.3830, 19.5312,
35.6211

■ 190.7080, 26.7660,
48.4911

■ 220.0580, 12.2964,
22.7511

■ 176.5060, 33.2745,
60.9462

■ 234.2600, 5.7878,
10.2960

■ 161.8310, 40.5093,
73.8162

■ 248.9350, -1.4470,
-2.5740

■ 147.7430, 47.4547,
86.1714

■ 251.2830, -2.6045,
-4.6332

■ 132.9540, 54.2527,
99.1413

■ 251.3970, -2.1677,
-4.7332

■ 118.2790, 61.4875,
112.0113

■ 251.5110, -1.7309,
-4.8331

■ 104.1910, 68.4328,
124.3665

■ 101.1420, 69.4430,
127.0405

Harmonies

Analogous

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



200.0900, 27.0706, -2.7099



205.3830, 19.5312, 35.6211



198.9320, 3.4845, 49.1716

Triad

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



205.3830, 19.5312, 35.6211



197.6870, -38.7927, 29.2155



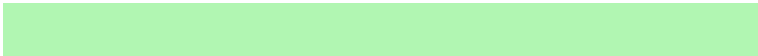
161.4860, 35.7494, -126.7142

Complementary

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



205.3830, 19.5312, 35.6211



217.6170, -19.5312, -35.6211

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.



177.7420, 7.5222, -79.5807



205.3830, 19.5312, 35.6211



193.2700, -33.1641, -2.8678

Square

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



205.3830, 19.5312, 35.6211



198.3550, -31.7270, 49.6777



187.3930, -16.4627, -39.8097



172.3070, 40.7676, -102.8782

Rectangle

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



205.3830, 19.5312, 35.6211



195.8540, -8.3090, 51.8710



187.3930, -16.4627, -39.8097



167.7780, 26.2384, -109.4303

Sweetspot

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



205.3830, 19.5312, 35.6211



243.2600, 5.7878, 10.2960



184.8660, 30.1391, -6.8985



120.2550, 3.3253, 6.7924



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.



205.3830, 19.5312, 35.6211



203.8170, 24.7402, 44.8875



201.6210, 5.1168, 38.9204



114.9560, 3.4727, 6.1776



76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Inverse Universe

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



205.3830, 19.5312, 35.6211



203.8170, 24.7402, 44.8875



221.4930, -4.6800, -39.0204



114.9560, 3.4727, 6.1776



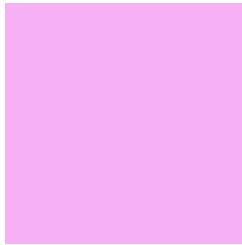
76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 205.3830, 19.5312, 35.6211 looks on a white background.

Color Contrast Check

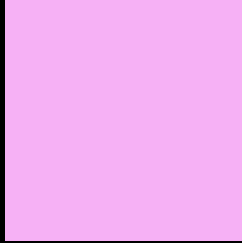
Large Text (above 18pt) WCAG AA × Fail

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 205.3830, 19.5312, 35.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

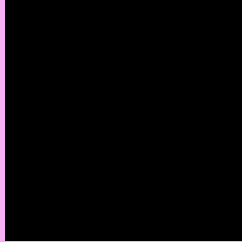
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.3830, 19.5312, 35.6211

Background



This preview shows how black text looks on a background with the YUV color 205.3830, 19.5312, 35.6211.



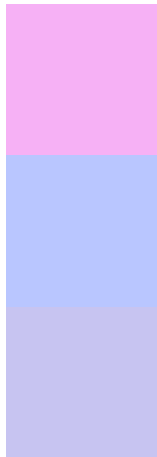
This preview shows how white text looks on a background with the YUV color 205.3830, 19.5312, 35.6211.

35.6211.

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

205.3830, 19.5312, 35.6211

Protanopia

200.6110, 26.8138, -13.6908

Deuteranopia

202.0270, 19.2137, -2.6547



Tritanopia

203.7420, -1.8448, 31.7983

Trichromacy



Original Color

205.3830, 19.5312, 35.6211



Protanomaly

202.0370, 24.1388, 4.3526



Deuteranomaly

203.1150, 19.1703, 11.3001



Tritanomaly

204.4030, 5.7173, 32.9726

Monochromacy



Original Color

205.3830, 19.5312, 35.6211



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.3250, 7.2348, 12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.3830, 19.5312, 35.6211 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, 177, 245)` looks like.

```
.text, #text, p{  
    color:rgb(246, 177, 245)  
}
```

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, 177, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 177, 245) }
```

Border

The CSS property to change the border of an element to YUV 205.3830, 19.5312, 35.6211 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, 177, 245) }
```


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

```
.border{ border-color:rgb(246, 177, 245) }
```

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

Here you see how a box with a 4 pixel rgb(246, 177, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 177, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 177, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 177,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 205.3830, 19.5312, 35.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 177, 245) }
```

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

```
.background{ background-color: rgb(246,  
177, 245) }
```

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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