

Converting Colors

YUV(202.1780, 13.7162,
34.0469)

Have a look what the booklet for
YUV(202.1780, 13.7162, 34.0469)
contains.

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Color

**YUV(202.1780, 13.7162,
34.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B1E6
RGB	241, 177, 230
RGB Percent	95%, 69%, 90%
CMY	0.0549, 0.3059, 0.0980
CMYK	0.00, 0.27, 0.05, 0.05
HSL	310°, 70%, 82%
HSV	310°, 27%, 95%
XYZ	66.2807, 55.8582, 82.1513
YIQ	202.1780, 21.1310, 30.0510

Conversions

Conversions Part 2

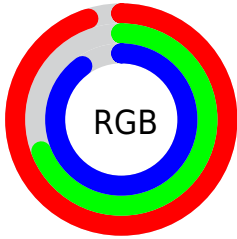
Format	Color
R_{YB}	241, 177, 230
Decimal	15839718
CIE _{Lab}	79.53, 31.61, -17.36
CIE _{LCh}	80, 36.064, 331.222
Yxy	55.8582, 0.3244, 0.2734
Android (android.graphics.Color)	4294029798 (0xFFFF1B1E6)
YUV	202.1780, 13.7162, 34.0469
Hunter-Lab	74.7384, 27.5082, -12.8538

Details

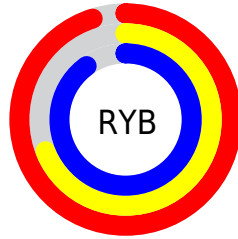
The YUV color **202.1780, 13.7162, 34.0469** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **215.8220, -13.7162, -34.0469**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **147.6400, 12.9955, 31.8877** is the 20% darker color. If you saturate the color by 10%, you get **187.6340, 18.9144, 46.8020**, and if you desaturate by 10%, it is **216.7220, 8.5181, 21.2918**.

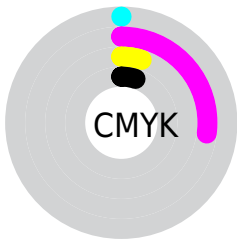
Distribution



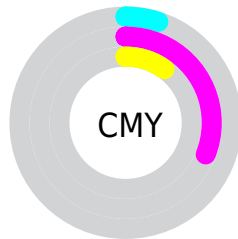
- Red (95%)
- Green (69%)
- Blue (90%)



- Red (95%)
- Yellow (69%)
- Blue (90%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.1780, 13.7162, 34.0469 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 202.1780, 13.7162, 34.0469 by changing the saturation by 10% instead.

 202.1780, 13.7162,
34.0469


 202.1780, 13.7162,
34.0469


255.0000, 0.0000,
0.0000


 174.4660, 13.5743,
32.9173


 242.0860, 6.3666,
11.3256

 147.6400, 12.9955,
31.8877

 121.3410, 13.1429,
31.2729

 95.6290, 13.0009,
30.1434

 70.9170, 12.8589,
29.0138

 47.2050, 12.7169,
27.8842

 22.7320, 13.4431,

28.2990

■ 14.1840, 7.7973,
19.1326

■ 0.0000, 0.0000,
0.0000

■ 202.1780, 13.7162,
34.0469

■ 202.1780, 13.7162,
34.0469

■ 187.6340, 18.9144,
46.8020

■ 216.7220, 8.5181,
21.2918

■ 173.0900, 24.1126,
59.5571

■ 231.2660, 3.3199,
8.5367

■ 158.5460, 29.3108,
72.3122

■ 245.8100, -1.8783,
-4.2184

■ 143.8880, 34.0722,
85.1672

■ 249.9020, -1.4307,
-7.8071

■ 128.7570, 39.5598,
98.4371

■ 250.3580, 0.3165,
-8.2070

■ 114.2130, 44.7580,
111.1922

■ 250.8140, 2.0637,
-8.6069

■ 99.6690, 49.9562,
123.9473

■ 94.8590, 51.8345,
128.1657

Harmonies

Analogous

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



200.1230, 27.0544, 2.5231



202.1780, 13.7162, 34.0469



199.6670, -1.3148, 48.5270

Triad

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



202.1780, 13.7162, 34.0469



194.7660, -31.9296, 21.2532



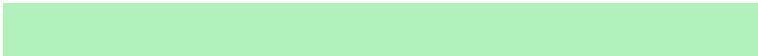
176.4700, 26.8833, -82.8502

Complementary

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



202.1780, 13.7162, 34.0469



215.8220, -13.7162, -34.0469

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.



180.0580, 8.3524, -65.8259



202.1780, 13.7162, 34.0469



191.4850, -25.8751, -7.4413

Square

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



202.1780, 13.7162, 34.0469



197.7070, -28.9426, 43.2300



186.1960, -10.9426, -37.0059



182.8490, 35.5704, -69.1506

Rectangle

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



202.1780, 13.7162, 34.0469



197.6320, -11.6506, 50.3117



186.1960, -10.9426, -37.0059



176.9990, 21.1995, -79.8061

Sweetspot

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



202.1780, 13.7162, 34.0469



242.8040, 4.0406, 10.6959



187.5850, 26.3336, 0.3640



120.0270, 2.4517, 6.9923



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.



202.1780, 13.7162, 34.0469



205.2700, 17.6149, 43.6132



198.5300, -0.2613, 37.2462



112.7280, 2.5991, 6.3775



72.3440, 39.2704, 97.9223



21.9880, 11.8379, 29.8285

Inverse Universe

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



202.1780, 13.7162, 34.0469



205.2700, 17.6149, 43.6132



219.4700, 0.2613, -37.2462



112.7280, 2.5991, 6.3775



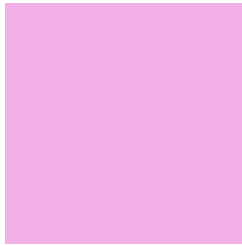
72.3440, 39.2704, 97.9223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 202.1780, 13.7162, 34.0469 looks on a white background.

Color Contrast Check

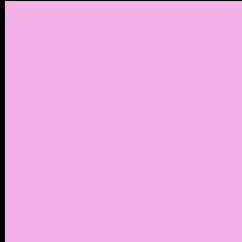
Large Text (above 18pt) WCAG AA × Fail

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 202.1780, 13.7162, 34.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

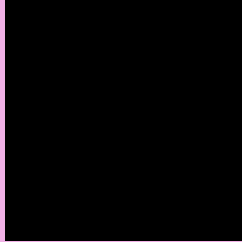
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.1780, 13.7162, 34.0469

Background



This preview shows how black text looks on a background with the YUV color 202.1780, 13.7162, 34.0469.



This preview shows how white text looks on a background with the YUV color 202.1780, 13.7162,

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

202.1780, 13.7162, 34.0469

Protanopia

198.6670, 21.8562, -10.2320

Deuteranopia

198.9800, 13.8139, 2.6485



Tritanopia

200.7420, -1.8448, 31.7983

Trichromacy



Original Color

202.1780, 13.7162, 34.0469



Protanomaly

199.9680, 18.7498, 6.1671



Deuteranomaly

200.3450, 13.6339, 13.7294



Tritanomaly

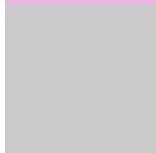
201.2350, 3.8281, 32.2429

Monochromacy



Original Color

202.1780, 13.7162, 34.0469



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.0430, 4.9088, 12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.1780, 13.7162, 34.0469 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(241, 177, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 177, 230)  
}
```

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(241, 177, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 177, 230) }
```

Border

The CSS property to change the border of an element to YUV 202.1780, 13.7162, 34.0469 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(241, 177, 230) }
```


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

```
.border{ border-color:rgb(241, 177, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 177, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 177, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 177, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 177,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 202.1780, 13.7162, 34.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 177, 230) }
```

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

```
.background{ background-color: rgb(241,  
177, 230) }
```

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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