

Converting Colors

YUV(201.7670, 7.0169, 36.1613)

Have a look what the booklet for
YUV(201.7670, 7.0169, 36.1613)
contains.

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Color

**YUV(201.7670, 7.0169,
36.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B2D8
RGB	243, 178, 216
RGB Percent	95%, 70%, 85%
CMY	0.0471, 0.3020, 0.1529
CMYK	0.00, 0.27, 0.11, 0.05
HSL	325°, 73%, 83%
HSV	325°, 27%, 95%
XYZ	65.2772, 55.8533, 72.3060
YIQ	201.7670, 26.5420, 25.5980

Conversions

Conversions Part 2

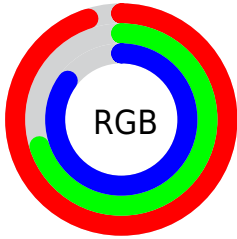
Format	Color
RYP	243, 178, 216
Decimal	15971032
CIELab	79.53, 29.37, -9.78
CIElCh	80, 30.959, 341.581
Yxy	55.8533, 0.3375, 0.2887
Android (android.graphics.Color)	4294161112 (0xFFF3B2D8)
YUV	201.7670, 7.0169, 36.1613
Hunter-Lab	74.7351, 25.1240, -5.0484

Details

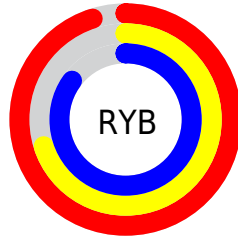
The YUV color $201.7670, 7.0169, 36.1613$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $219.2330, -7.0169, -36.1613$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6730, 6.0772, 10.8108$, and $147.3430, 6.7329, 33.9022$ is the 20% darker color. If you saturate the color by 10%, you get $186.5390, 9.5943, 49.5163$, and if you desaturate by 10%, it is $216.9950, 4.4395, 22.8064$.

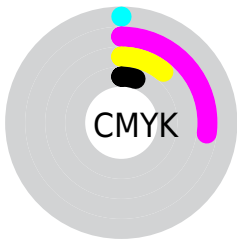
Distribution



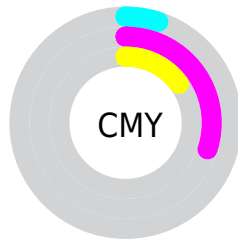
- Red (95%)
- Green (70%)
- Blue (85%)



- Red (95%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (27%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.7670, 7.0169, 36.1613 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 201.7670, 7.0169, 36.1613 by changing the saturation by 10% instead.

 201.7670, 7.0169,
36.1613

 201.7670, 7.0169,
36.1613


255.0000, 0.0000,
0.0000


 174.0550, 6.8749,
35.0318

 242.6730, 6.0772,
10.8108

 147.3430, 6.7329,
33.9022

 121.0440, 6.8803,
33.2874

 96.0330, 6.8857,
31.5431

 71.3210, 6.7437,
30.4135

 47.1360, 7.3280,
29.6987

 23.0650, 8.3490,

28.8840

■ 13.3430, 3.2819,
20.7472

■ 0.0000, 0.0000,
0.0000

■ 201.7670, 7.0169,
36.1613

■ 201.7670, 7.0169,
36.1613

■ 186.5390, 9.5943,
49.5163

■ 216.9950, 4.4395,
22.8064

■ 170.7240, 12.4611,
63.3861

■ 232.8100, 1.5727,
8.9366

■ 155.4960, 15.0385,
76.7410

■ 248.0380, -1.0047,
-4.4183

■ 140.2680, 17.6159,
90.0960

■ 251.4120, 1.7689,
-7.3773

■ 124.4530, 20.4827,
103.9657

■ 109.1110, 22.6233,
117.4207

■ 93.8830, 25.2007,
130.7756

■ 88.8450, 26.2054,
135.1939

Harmonies

Analogous

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



200.8270, 19.3123, 12.4297



201.7670, 7.0169, 36.1613



200.8750, -6.8404, 47.4676

Triad

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



201.7670, 7.0169, 36.1613



194.3670, -26.8029, 10.2021



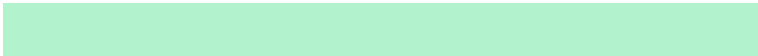
183.4230, 24.9345, -64.3920

Complementary

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



201.7670, 7.0169, 36.1613



219.2330, -7.0169, -36.1613

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.



183.1280, 12.2619, -59.7483



201.7670, 7.0169, 36.1613



190.9770, -18.7227, -14.8888

Square

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



201.7670, 7.0169, 36.1613



197.2110, -26.7260, 32.2640



186.8950, -4.3852, -40.2499



189.6130, 30.2638, -47.0186

Rectangle

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



201.7670, 7.0169, 36.1613



199.5840, -15.5709, 47.7228



186.8950, -4.3852, -40.2499



182.5000, 21.4455, -65.3365

Sweetspot

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



201.7670, 7.0169, 36.1613



242.3480, 2.2934, 11.0958



193.1840, 24.5593, 9.4856



119.6850, 1.1413, 7.2923



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.



201.7670, 7.0169, 36.1613



202.9900, 8.8789, 45.6128



198.2330, -6.5239, 39.2607



114.3860, 1.2887, 6.6775



68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Inverse Universe

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



201.7670, 7.0169, 36.1613



202.9900, 8.8789, 45.6128



222.7670, 6.5239, -39.2607



114.3860, 1.2887, 6.6775



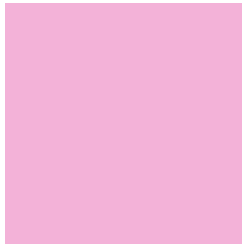
68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 201.7670, 7.0169, 36.1613 looks on a white background.

Color Contrast Check

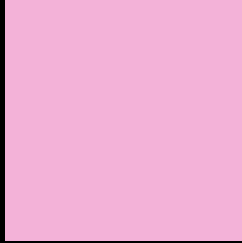
Large Text (above 18pt) WCAG AA × Fail

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 201.7670, 7.0169, 36.1613 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 201.7670, 7.0169, 36.1613

Background



This preview shows how black text looks on a background with the YUV color 201.7670, 7.0169, 36.1613.



This preview shows how white text looks on a background with the YUV color 201.7670, 7.0169,

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

201.7670, 7.0169, 36.1613

Protanopia

198.3380, 14.1304, -5.5584

Deuteranopia

199.4770, 6.6668, 8.3517



Tritanopia

200.9380, -2.4344, 34.2574

Trichromacy



Original Color

201.7670, 7.0169, 36.1613



Protanomaly

199.4540, 11.6082, 10.1258



Deuteranomaly

200.2440, 6.7817, 18.2030



Tritanomaly

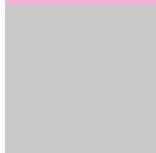
201.4480, 0.7651, 34.6871

Monochromacy



Original Color

201.7670, 7.0169, 36.1613



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.7720, 2.5774, 13.3550

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.7670, 7.0169, 36.1613 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, 178, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 178, 216)  
}
```

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, 178, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 178, 216) }
```

Border

The CSS property to change the border of an element to YUV 201.7670, 7.0169, 36.1613 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, 178, 216) }
```


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

```
.border{ border-color:rgb(243, 178, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 178, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 178, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 178, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 178,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 201.7670, 7.0169, 36.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 178, 216) }
```

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

```
.background{ background-color: rgb(243,  
178, 216) }
```

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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