

Converting Colors

YUV(202.9800, 3.9539, 38.6055)

Have a look what the booklet for
YUV(202.9800, 3.9539, 38.6055)
contains.

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Color

**YUV(202.9800, 3.9539,
38.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B3D3
RGB	247, 179, 211
RGB Percent	97%, 70%, 83%
CMY	0.0314, 0.2980, 0.1725
CMYK	0.00, 0.28, 0.15, 0.03
HSL	332°, 81%, 84%
HSV	332°, 28%, 97%
XYZ	66.2357, 56.7175, 69.0846
YIQ	202.9800, 30.2560, 24.3680

Conversions

Conversions Part 2

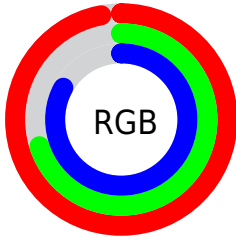
Format	Color
R _Y B	247, 179, 211
Decimal	16233427
CIE Lab	80.02, 29.41, -6.31
CIE LCh	80, 30.077, 347.898
Yxy	56.7175, 0.3449, 0.2953
Android (android.graphics.Color)	4294423507 (0xFFF7B3D3)
YUV	202.9800, 3.9539, 38.6055
Hunter-Lab	75.3110, 25.1957, -1.6704

Details

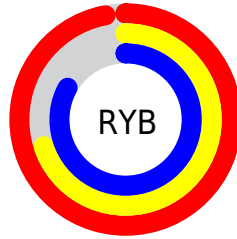
The YUV color $202.9800, 3.9539, 38.6055$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.0200, -3.9539, -38.6055$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.7878, 10.2960$, and $148.6700, 4.1067, 36.2464$ is the 20% darker color. If you saturate the color by 10%, you get $186.8230, 5.5103, 52.7752$, and if you desaturate by 10%, it is $219.1370, 2.3975, 24.4359$.

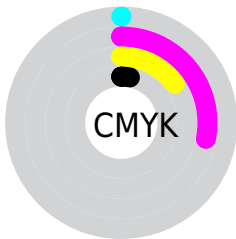
Distribution



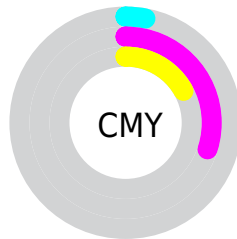
- Red (97%)
- Green (70%)
- Blue (83%)



- Red (97%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.9800, 3.9539, 38.6055 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 202.9800, 3.9539, 38.6055 by changing the saturation by 10% instead.

 202.9800, 3.9539,
38.6055


 202.9800, 3.9539,
38.6055

255.0000, 0.0000,
0.0000


 175.2680, 3.8119,
37.4760

 243.2600, 5.7878,
10.2960

 148.6700, 4.1067,
36.2464

 121.9580, 3.9647,
35.1168

 96.3600, 4.2595,
33.8873

 71.7620, 4.5543,
32.6577

 47.8650, 4.9966,
30.8134

 23.6200, 6.5963,

31.0283

■ 13.7840, 1.0925,
22.9914

■ 0.0000, 0.0000,
0.0000

■ 202.9800, 3.9539,
38.6055

■ 202.9800, 3.9539,
38.6055

■ 186.8230, 5.5103,
52.7752

■ 219.1370, 2.3975,
24.4359

■ 171.2530, 6.7773,
66.4301

■ 234.7070, 1.1304,
10.7810

■ 155.0960, 8.3337,
80.5998

■ 250.8640, -0.4260,
-3.3887

■ 138.9390, 9.8901,
94.7695

■ 252.6080, 1.1793,
-4.9182

■ 122.7820, 11.4465,
108.9392

■ 107.2120, 12.7135,
122.5941

■ 90.9410, 13.8331,
136.8637

■ 87.0770, 14.2590,
140.2525

Harmonies

Analogous

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



202.7630, 16.3858, 17.7478



202.9800, 3.9539, 38.6055



201.4790, -9.6031, 46.9379

Triad

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



202.9800, 3.9539, 38.6055



195.2030, -24.7501, 5.0840



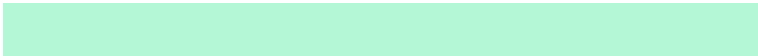
186.3850, 25.9392, -59.9736

Complementary

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



202.9800, 3.9539, 38.6055



223.0200, -3.9539, -38.6055

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.



184.8120, 14.8827, -60.3481



202.9800, 3.9539, 38.6055



191.4540, -15.5068, -19.6922

Square

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



202.9800, 3.9539, 38.6055



198.1780, -26.7098, 27.0309



187.4970, -0.7380, -43.4089



192.5430, 29.8053, -39.9412

Rectangle

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



202.9800, 3.9539, 38.6055



200.4050, -17.4547, 45.2488



187.4970, -0.7380, -43.4089



184.9780, 23.1818, -62.2477

Sweetspot

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



202.9800, 3.9539, 38.6055



242.0060, 0.9830, 11.3957



197.2170, 24.5430, 14.7187



119.5710, 0.7045, 7.3922



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.



202.9800, 3.9539, 38.6055



200.5620, 4.6529, 47.7421



199.9190, -10.3131, 41.2900



114.2720, 0.8519, 6.7775



65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Inverse Universe

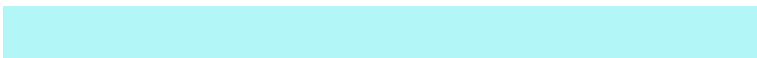
The Inverse Universe completely reimagines the original color for something new.



202.9800, 3.9539, 38.6055



200.5620, 4.6529, 47.7421



226.0810, 10.3131, -41.2900



114.2720, 0.8519, 6.7775



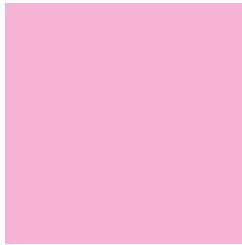
65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 202.9800, 3.9539, 38.6055 looks on a white background.

Color Contrast Check

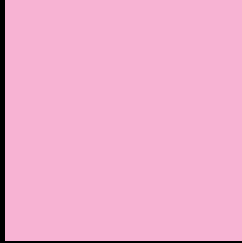
Large Text (above 18pt) WCAG AA × Fail

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 202.9800, 3.9539, 38.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

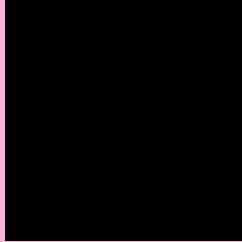
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.9800, 3.9539, 38.6055

Background



This preview shows how black text looks on a background with the YUV color 202.9800, 3.9539, 38.6055.



This preview shows how white text looks on a background with the YUV color 202.9800, 3.9539,

38.6055.

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

202.9800, 3.9539, 38.6055

Protanopia

199.2520, 11.2148, -3.7290

Deuteranopia

200.9890, 3.4564, 11.4106



Tritanopia

202.4330, -3.1715, 37.3313

Trichromacy



Original Color

202.9800, 3.9539, 38.6055



Protanomaly

200.3680, 8.6926, 11.9553



Deuteranomaly

201.7560, 3.5713, 21.2620



Tritanomaly

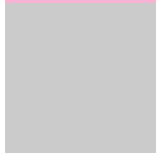
202.7150, -0.8455, 37.9609

Monochromacy



Original Color

202.9800, 3.9539, 38.6055



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

202.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9800, 3.9539, 38.6055 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(247, 179, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 179, 211)  
}
```

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(247, 179, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 179, 211) }
```

Border

The CSS property to change the border of an element to YUV 202.9800, 3.9539, 38.6055 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(247, 179, 211) }
```


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

```
.border{ border-color:rgb(247, 179, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 179, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 179, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 179, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 179,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 202.9800, 3.9539, 38.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 179, 211) }
```

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

```
.background{ background-color: rgb(247,  
179, 211) }
```

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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