

Converting Colors

XYZ(68.8121, 60.1874, 83.5918)

Have a look what the booklet for
XYZ(68.8121, 60.1874, 83.5918)
contains.

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Color

**XYZ(68.8121, 60.1874,
83.5918)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BBE7
RGB	242, 187, 231
RGB Percent	95%, 73%, 91%
CMY	0.0510, 0.2666, 0.0941
CMYK	0.00, 0.23, 0.05, 0.05
HSL	312°, 68%, 84%
HSV	312°, 23%, 95%
XYZ	68.8121, 60.1874, 83.5918
YIQ	208.4610, 18.6560, 25.3440

Conversions

Conversions Part 2

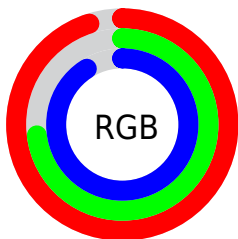
Format	Color
R _Y B	242, 187, 231
Decimal	15907815
CIE Lab	81.94, 26.81, -14.27
CIE LCh	82, 30.371, 331.975
Yxy	60.1874, 0.3237, 0.2831
Android (android.graphics.Color)	4294097895 (0xFFF2BBE7)
YUV	208.4610, 11.1117, 29.4137
Hunter-Lab	77.5805, 22.5593, -9.5777

Details

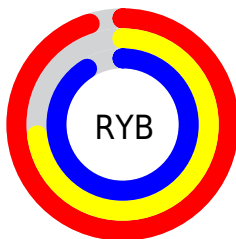
The XYZ color **68.8121, 60.1874, 83.5918** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.4411, 78.1481, 65.2227**, and the grayscale version is **60.1765, 63.3104, 68.9450**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **36.1330, 30.1845, 44.4792** is the 20% darker color. If you saturate the color by 10%, you get **63.4306, 50.5026, 78.4719**, and if you desaturate by 10%, it is **75.0812, 71.6152, 89.1022**.

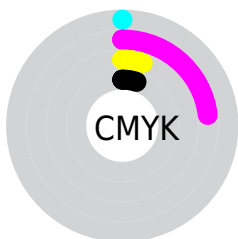
Distribution



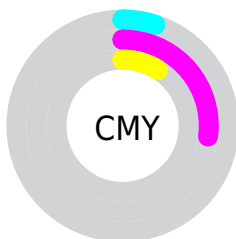
- Red (95%)
- Green (73%)
- Blue (91%)



- Red (95%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8121, 60.1874, 83.5918 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 XYZ color 68.8121, 60.1874, 83.5918 by changing the saturation by 10% instead.

68.8121, 60.1874,
83.5918

68.8121, 60.1874,
83.5918

445.6997,
425.2882, 526.9793

50.8348, 43.5697,
62.1350

116.5487,
105.1015, 140.2607

36.2976, 30.3324,
44.7053

147.0387,
134.1666, 176.3098

24.8353, 20.0910,
30.8841

182.4303,
168.1497, 218.0602

16.0825, 12.4612,
20.2529

223.0888,
207.4352, 265.9304

9.6738, 7.0586,
12.3931

269.3797,
252.4073, 320.3388

5.2438, 3.4988,
6.8862


321.6682,


2.4272, 1.3973,


303.4506, 381.7041


3.3137


380.3198,
360.9494, 450.4447


 0.8587, 0.2148,
1.2569


 0.0000, 0.0000,
0.0261


 68.8121, 60.1874,
83.5918


 68.8121, 60.1874,
83.5918


 63.4306, 50.5026,
78.4719


 75.0812, 71.6152,
89.1022


 58.8878, 42.4661,
73.7234

 82.2728, 84.8587,
95.0135

 55.1383, 35.9864,
69.3312

 88.9398, 97.0221,
100.8447

 52.1301, 30.9597,
65.2771

 89.6908, 97.3225,
104.7993

■ 49.8048, 27.2696,
61.5409

■ 90.4285, 97.6175,
108.6837

■ 48.0952, 24.7819,
58.0994

■ 46.9199, 23.3340,
54.9248

■ 46.3107, 22.7544,
52.7526

Harmonies

Analogous

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



63.9967, 60.1874, 100.3383



68.8121, 60.1874, 83.5918



70.4542, 60.1874, 64.3229

Triad

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



68.8121, 60.1874, 83.5918



56.7819, 60.1874, 36.1663



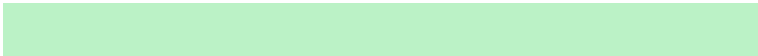
47.3590, 60.1874, 86.0987

Complementary

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



68.8121, 60.1874, 83.5918



62.4411, 78.1481, 65.2227

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.



45.7328, 60.1874, 66.7599



68.8121, 60.1874, 83.5918



50.9141, 60.1874, 39.8821

Square

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



68.8121, 60.1874, 83.5918



63.2059, 60.1874, 39.0135



46.9849, 60.1874, 50.2840



51.5990, 60.1874, 101.9657

Rectangle

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



68.8121, 60.1874, 83.5918



69.4369, 60.1874, 53.1727



46.9849, 60.1874, 50.2840



46.5035, 60.1874, 79.6760

Sweetspot

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



68.8139, 60.1901, 83.5931



89.0480, 88.9074, 104.0898



57.0887, 53.9603, 91.4120



18.9545, 18.8356, 22.1930



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8139, 60.1901, 83.5931



74.7419, 62.8056, 91.5815



65.2296, 58.7564, 64.7186



16.3109, 15.9741, 19.1932



24.9282, 12.2437, 28.6022



2.1078, 1.0322, 2.5585

Inverse Universe

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



68.8139, 60.1901, 83.5931



74.7419, 62.8056, 91.5815



65.9067, 79.5344, 83.4722



16.3109, 15.9741, 19.1932



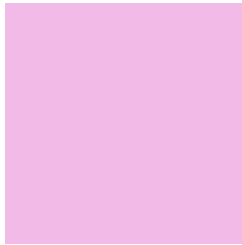
24.9282, 12.2437, 28.6022



2.1078, 1.0322, 2.5585

Previews

White Background



This preview shows how the XYZ color 68.8121, 60.1874, 83.5918 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 XYZ color 68.8121, 60.1874, 83.5918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

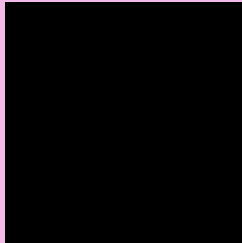
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8121, 60.1874, 83.5918

Background



This preview shows how black text looks on a background with the XYZ color 68.8121, 60.1874, 83.5918.



This preview shows how white text looks on a background with the XYZ color 68.8121, 60.1874,

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

68.8121, 60.1874, 83.5918

Protanopia

59.7627, 60.3277, 91.7137

Deuteranopia

61.7177, 60.5010, 82.5537



Tritanopia

65.3680, 60.0686, 66.5416

Trichromacy



Original Color

68.8121, 60.1874, 83.5918

Protanomaly

62.6929, 60.1931, 88.4349

Deuteranomaly

64.2295, 60.4314, 83.1421

Tritanomaly

66.6144, 60.2585, 72.4101

Monochromacy



Original Color

68.8121, 60.1874, 83.5918

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.5641, 61.4821, 73.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8121, 60.1874, 83.5918 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(242, 187, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 187, 231)  
}
```

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(242, 187, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 187, 231) }
```

Border

The CSS property to change the border of an element to XYZ 68.8121, 60.1874, 83.5918 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(242, 187, 231) }
```


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

```
.border{ border-color:rgb(242, 187, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 187, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 187, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 187, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 187,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8121, 60.1874, 83.5918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 187, 231) }
```

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

```
.background{ background-color: rgb(242,  
187, 231) }
```

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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