

Converting Colors

XYZ(69.5906, 58.0476, 81.8800)

Have a look what the booklet for
XYZ(69.5906, 58.0476, 81.8800)
contains.

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Color

**XYZ(69.6873, 58.2213,
81.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB3E5
RGB	250, 179, 229
RGB Percent	98%, 70%, 90%
CMY	0.0196, 0.2980, 0.1020
CMYK	0.00, 0.28, 0.08, 0.02
HSL	318°, 88%, 84%
HSV	318°, 28%, 98%
XYZ	69.6873, 58.2213, 81.6937
YIQ	205.9290, 26.2660, 30.6020

Conversions

Conversions Part 2

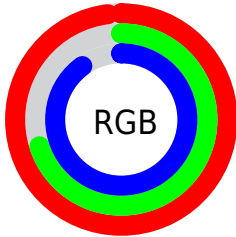
Format	Color
R_{YB}	250, 179, 229
Decimal	16430053
CIE _{Lab}	80.86, 33.35, -14.73
CIE _{LCh}	81, 36.462, 336.168
Yxy	58.2213, 0.3325, 0.2778
Android (android.graphics.Color)	4294620133 (0xFFFFAB3E5)
YUV	205.9290, 11.3740, 38.6503
Hunter-Lab	76.3029, 29.4937, -10.0668

Details

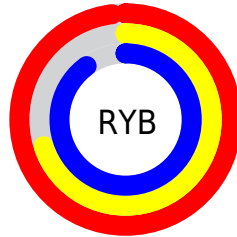
The XYZ color **69.6873, 58.2213, 81.6937** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.2037, 82.1268, 67.1680**, and the grayscale version is **58.5401, 61.5887, 67.0701**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.8688, 29.0218, 43.1937** is the 20% darker color. If you saturate the color by 10%, you get **64.1134, 48.6901, 74.8499**, and if you desaturate by 10%, it is **76.2170, 69.5919, 89.0744**.

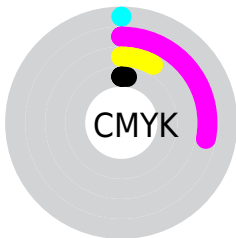
Distribution



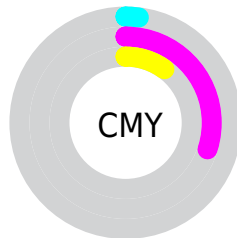
- Red (98%)
- Green (70%)
- Blue (90%)



- Red (98%)
- Yellow (70%)
- Blue (90%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6873, 58.2213, 81.6937 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 69.6873, 58.2213, 81.6937 by changing the saturation by 10% instead.

69.6873, 58.2213,
81.6937

69.6873, 58.2213,
81.6937

448.7349,
418.0100, 520.4791

51.5503, 41.9866,
60.5788

117.7914,
102.2451, 137.5772

36.8696, 29.0908,
43.4569

148.4893,
130.8029, 173.1828

25.2797, 19.1495,
29.9098

184.1048,
164.2372, 214.4558

16.4154, 11.7784,
19.5186

225.0033,
202.9324, 261.8146

9.9113, 6.5929,
11.8650

271.5503,
247.2729, 315.6778

5.4020, 3.2089,
6.5304


324.1109,


2.5222, 1.2417,


297.6431, 376.4639


3.0962


383.0507,
354.4273, 444.5915


 0.9065, 0.0954,
1.1440


 0.0000, 0.0000,
0.0000


 69.6873, 58.2213,
81.6937


 69.6873, 58.2213,
81.6937


 64.1134, 48.6901,
74.8499


 76.2170, 69.5919,
89.0744

 59.4404, 40.8920,
68.5201

 83.7431, 82.8851,
97.0063

 55.6157, 34.7219,
62.6847

 92.3104, 98.1885,
105.5074

 52.5790, 30.0601,
57.3208

 93.2348, 99.0642,
108.8150

■ 50.2616, 26.7700,
52.4027

■ 48.5824, 24.6904,
47.9006

■ 47.4277, 23.5949,
43.7734

■ 47.2664, 23.4609,
43.1386

Harmonies

Analogous

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



64.3424, 58.2213, 103.1684



69.6873, 58.2213, 81.6937



71.0397, 58.2213, 59.0355

Triad

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



69.6873, 58.2213, 81.6937



53.7944, 58.2213, 30.4241



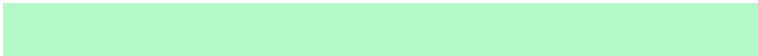
44.4391, 58.2213, 91.1905

Complementary

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



69.6873, 58.2213, 81.6937



63.2037, 82.1268, 67.1680

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.



42.1386, 58.2213, 67.9600



69.6873, 58.2213, 81.6937



47.2148, 58.2213, 35.4340

Square

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



69.6873, 58.2213, 81.6937



61.4048, 58.2213, 32.4921



43.1068, 58.2213, 48.0525



49.6838, 58.2213, 109.4650

Rectangle

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



69.6873, 58.2213, 81.6937



69.3964, 58.2213, 46.7882



43.1068, 58.2213, 48.0525



43.3186, 58.2213, 83.5242

Sweetspot

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



69.6890, 58.2239, 81.6949



87.0868, 85.7918, 100.9486



56.9621, 51.3034, 97.3438



18.3825, 17.9059, 21.3418



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.



69.6890, 58.2239, 81.6949



69.4905, 55.0531, 81.3524



65.3273, 56.4792, 58.7262



17.7614, 17.4319, 20.5995



25.1375, 12.4707, 23.2304



2.3746, 1.1736, 2.3962

Inverse Universe

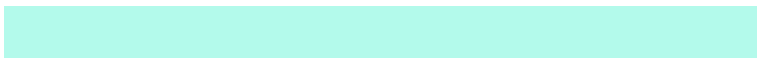
The Inverse Universe completely reimagines the original color for something new.



69.6890, 58.2239, 81.6949



69.4905, 55.0531, 81.3524



67.7181, 83.9325, 90.9403



17.7614, 17.4319, 20.5995



25.1375, 12.4707, 23.2304



2.3746, 1.1736, 2.3962

Previews

White Background



This preview shows how the XYZ color 69.6873, 58.2213, 81.6937 looks on a white background.

Color Contrast Check

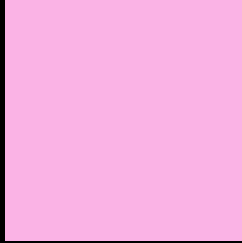
Large Text (above 18pt) WCAG AA × Fail

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 69.6873, 58.2213, 81.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

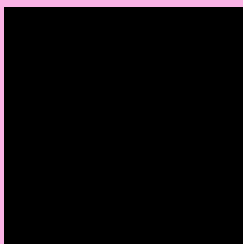
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6873, 58.2213, 81.6937

Background



This preview shows how black text looks on a background with the XYZ color 69.6873, 58.2213, 81.6937.



This preview shows how white text looks on a background with the XYZ color 69.6873, 58.2213,

81.6937.

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

69.6873, 58.2213, 81.6937

Protanopia

58.1887, 58.4641, 92.2222

Deuteranopia

59.7619, 58.5262, 80.0984



Tritanopia

65.4553, 57.9973, 61.7776

Trichromacy



Original Color

69.6873, 58.2213, 81.6937



Protanomaly

61.5763, 57.9598, 88.0627



Deuteranomaly

63.0191, 58.2203, 80.5892



Tritanomaly

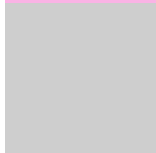
66.7186, 57.8832, 68.6289

Monochromacy



Original Color

69.6873, 58.2213, 81.6937



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.0017, 59.8645, 71.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6873, 58.2213, 81.6937 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(250, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(250, 179, 229)  
}
```

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(250, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 179, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.6873, 58.2213, 81.6937 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(250, 179, 229) }
```


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

```
.border{ border-color:rgb(250, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(250, 179,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6873, 58.2213, 81.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 179, 229) }
```

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

```
.background{ background-color: rgb(250,  
179, 229) }
```

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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