

Converting Colors

XYZ(69.1972, 57.7786, 81.2253)

Have a look what the booklet for
XYZ(69.1972, 57.7786, 81.2253)
contains.

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Color

**XYZ(68.9909, 57.5820,
80.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B2E4
RGB	249, 178, 228
RGB Percent	98%, 70%, 89%
CMY	0.0235, 0.3019, 0.1059
CMYK	0.00, 0.29, 0.08, 0.02
HSL	318°, 86%, 84%
HSV	318°, 29%, 98%
XYZ	68.9909, 57.5820, 80.8770
YIQ	204.9290, 26.2660, 30.6020

Conversions

Conversions Part 2

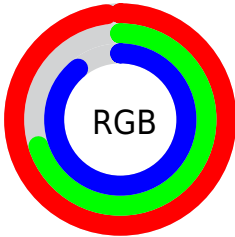
Format	Color
R _Y B	249, 178, 228
Decimal	16364260
CIE Lab	80.51, 33.38, -14.74
CIE LCh	81, 36.489, 336.177
Yxy	57.5820, 0.3326, 0.2776
Android (android.graphics.Color)	4294554340 (0xFFF9B2E4)
YUV	204.9290, 11.3740, 38.6503
Hunter-Lab	75.8828, 29.4932, -10.0742

Details

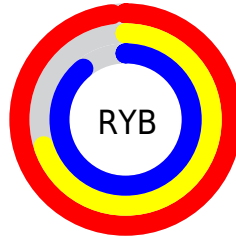
The XYZ color **68.9909, 57.5820, 80.8770** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.5470, 81.3415, 66.4404**, and the grayscale version is **57.9030, 60.9185, 66.3402**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **36.4887, 28.6389, 43.1399** is the 20% darker color. If you saturate the color by 10%, you get **63.4785, 48.1581, 74.1022**, and if you desaturate by 10%, it is **75.4495, 68.8268, 88.1834**.

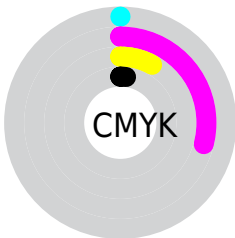
Distribution



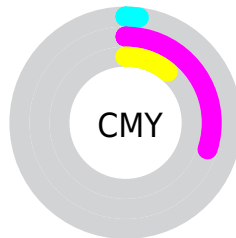
- Red (98%)
- Green (70%)
- Blue (89%)



- Red (98%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9909, 57.5820, 80.8770 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 68.9909, 57.5820, 80.8770 by changing the saturation by 10% instead.


 68.9909, 57.5820,
80.8770

 68.9909, 57.5820,
80.8770


446.3208,
415.6266, 517.6680

 50.9809, 41.4727,
59.9099


 116.8027,
101.3139, 136.4206

 36.4144, 28.6886,
42.9212


147.3353,
129.7053, 171.8341

 24.9260, 18.8454,
29.4923


182.7727,
162.9595, 212.9002

 16.1504, 11.5586,
19.2048

223.4804,
201.4609, 260.0374

 9.7221, 6.4439,
11.6401

269.8237,
245.5939, 313.6642

 5.2760, 3.1168,
6.3795


322.1679,


 2.4465, 1.1930,


295.7430, 374.1993


3.0047


380.8785,
352.2924, 442.0610


 0.8684, 0.0560,
1.0970


 0.0000, 0.0000,
0.0000


 68.9909, 57.5820,
80.8770


 68.9909, 57.5820,
80.8770


 63.4785, 48.1581,
74.1022


 75.4495, 68.8268,
88.1834


 58.8579, 40.4498,
67.8364

 82.8946, 81.9750,
96.0355

 55.0771, 34.3530,
62.0600

 91.3705, 97.1134,
104.4513

 52.0760, 29.7487,
56.7505

 92.8773, 98.8799,
108.7983

■ 49.7868, 26.5017,
51.8822

■ 48.1288, 24.4521,
47.4256

■ 46.9880, 23.3726,
43.3397

■ 46.8394, 23.2488,
42.7555

Harmonies

Analogous

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



63.6793, 57.5820, 102.2338



68.9909, 57.5820, 80.8770



70.3340, 57.5820, 58.3628

Triad

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



68.9909, 57.5820, 80.8770



53.1949, 57.5820, 29.9797



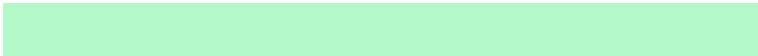
43.9080, 57.5820, 90.3324

Complementary

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



68.9909, 57.5820, 80.8770



62.5470, 81.3415, 66.4404

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.



41.6235, 57.5820, 67.2407



68.9909, 57.5820, 80.8770



46.6610, 57.5820, 34.9478

Square

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



68.9909, 57.5820, 80.8770



60.7559, 57.5820, 32.0272



42.5835, 57.5820, 47.4685



49.1162, 57.5820, 108.5063

Rectangle

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



68.9909, 57.5820, 80.8770



68.6996, 57.5820, 46.2044



42.5835, 57.5820, 47.4685



42.7954, 57.5820, 82.7103

Sweetspot

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



68.9926, 57.5846, 80.8782



87.0868, 85.7918, 100.9486



56.3413, 50.7050, 96.4410



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.



68.9926, 57.5846, 80.8782



69.4905, 55.0531, 81.3523



64.6579, 55.8507, 58.0519



17.7614, 17.4319, 20.5995



25.1375, 12.4707, 23.2303



2.3746, 1.1736, 2.3962

Inverse Universe

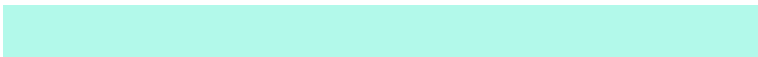
The Inverse Universe completely reimagines the original color for something new.



68.9926, 57.5846, 80.8782



69.4905, 55.0531, 81.3523



67.0340, 83.1363, 90.0689



17.7614, 17.4319, 20.5995



25.1375, 12.4707, 23.2303



2.3746, 1.1736, 2.3962

Previews

White Background



This preview shows how the XYZ color 68.9909, 57.5820, 80.8770 looks on a white background.

Color Contrast Check

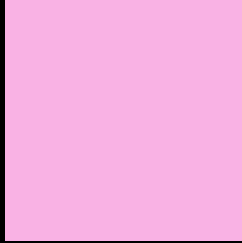
Large Text (above 18pt) WCAG AA × Fail

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 68.9909, 57.5820, 80.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

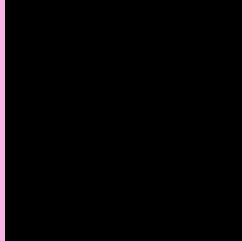
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9909, 57.5820, 80.8770

Background



This preview shows how black text looks on a background with the XYZ color 68.9909, 57.5820, 80.8770.



This preview shows how white text looks on a background with the XYZ color 68.9909, 57.5820,

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

68.9909, 57.5820, 80.8770

Protanopia

57.5571, 57.8154, 91.3450

Deuteranopia

59.1181, 57.8764, 79.2896



Tritanopia

64.7827, 57.3567, 61.0826

Trichromacy



Original Color

68.9909, 57.5820, 80.8770



Protanomaly

60.9225, 57.3148, 87.2088



Deuteranomaly

62.3565, 57.5742, 79.7779



Tritanomaly

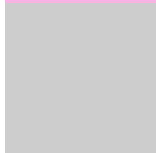
66.0385, 57.2440, 67.8902

Monochromacy



Original Color

68.9909, 57.5820, 80.8770



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.3441, 59.2065, 71.1456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9909, 57.5820, 80.8770 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(249, 178, 228)` looks like.

```
.text, #text, p{  
    color:rgb(249, 178, 228)  
}
```

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(249, 178, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 178, 228) }
```

Border

The CSS property to change the border of an element to XYZ 68.9909, 57.5820, 80.8770 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(249, 178, 228) }
```


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

```
.border{ border-color:rgb(249, 178, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 178, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 178, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 178, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 178,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9909, 57.5820, 80.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 178, 228) }
```

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

```
.background{ background-color: rgb(249,  
178, 228) }
```

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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