

Converting Colors

XYZ(68.6517, 58.7567, 78.4968)

Have a look what the booklet for
XYZ(68.6517, 58.7567, 78.4968)
contains.

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Color

**XYZ(68.5403, 58.6119,
78.2218)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B6E0
RGB	247, 182, 224
RGB Percent	97%, 71%, 88%
CMY	0.0314, 0.2863, 0.1216
CMYK	0.00, 0.26, 0.09, 0.03
HSL	321°, 80%, 84%
HSV	321°, 26%, 97%
XYZ	68.5403, 58.6119, 78.2218
YIQ	206.2230, 25.2580, 26.8420

Conversions

Conversions Part 2

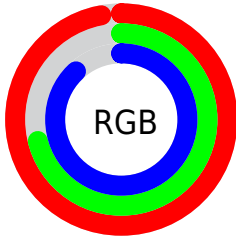
Format	Color
R _Y B	247, 182, 224
Decimal	16234208
CIE Lab	81.08, 29.93, -11.75
CIE LCh	81, 32.157, 338.572
Yxy	58.6119, 0.3337, 0.2854
Android (android.graphics.Color)	4294424288 (0xFFFF7B6E0)
YUV	206.2230, 8.7641, 35.7614
Hunter-Lab	76.5584, 25.8281, -6.9873

Details

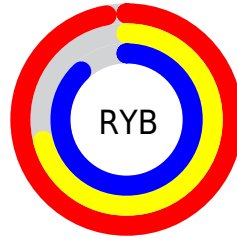
The XYZ color **68.5403, 58.6119, 78.2218** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.5740, 80.8761, 70.0212**, and the grayscale version is **58.7448, 61.8041, 67.3047**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **36.1158, 29.2501, 41.2784** is the 20% darker color. If you saturate the color by 10%, you get **62.7662, 48.9116, 70.5984**, and if you desaturate by 10%, it is **75.2709, 70.1261, 86.4661**.

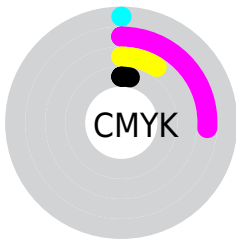
Distribution



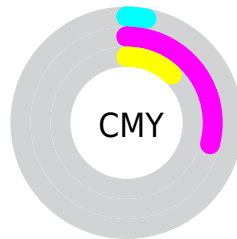
- Red (97%)
- Green (71%)
- Blue (88%)



- Red (97%)
- Yellow (71%)
- Blue (88%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5403, 58.6119, 78.2218 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 68.5403, 58.6119, 78.2218 by changing the saturation by 10% instead.


 68.5403, 58.6119,
78.2218

 68.5403, 58.6119,
78.2218


444.7547,
419.4622, 508.4676

 50.6127, 42.3008,
57.7387


 116.1624,
102.8134, 132.6515

 36.1203, 29.3369,
41.1853


146.5876,
131.4726, 167.4351

 24.6976, 19.3358,
28.1431


181.9094,
165.0165, 207.8226

 15.9795, 11.9132,
18.1936

222.4932,
203.8297, 254.2325

 9.6004, 6.6846,
10.9182

268.7042,
248.2964, 307.0835

 5.1950, 3.2656,
5.8984

320.9079,

 2.3981, 1.2719,

298.8012, 366.7939

2.7156

379.4697,
355.7283, 433.7825

■ 0.8441, 0.1193,
0.9513

■ 0.0000, 0.0000,
0.0000

■ 68.5403, 58.6119,
78.2218

■ 68.5403, 58.6119,
78.2218

■ 62.7662, 48.9116,
70.5984

■ 75.2709, 70.1261,
86.4661

■ 57.8957, 40.9232,
63.5717

■ 82.9973, 83.5335,
95.3466

■ 53.8784, 34.5466,
57.1211

■ 91.4085, 98.2105,
104.7648

■ 50.6567, 29.6682,
51.2227

■ 92.1682, 98.5144,
108.7651

■ 48.1654, 26.1591,
45.8499

■ 46.3286, 23.8689,
40.9725

■ 45.0514, 22.6098,
36.5539

■ 44.6679, 22.2983,
35.0218

Harmonies

Analogous

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



64.1066, 58.6119, 97.1123



68.5403, 58.6119, 78.2218



69.3985, 58.6119, 58.4914

Triad

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



68.5403, 58.6119, 78.2218



53.8164, 58.6119, 33.9186



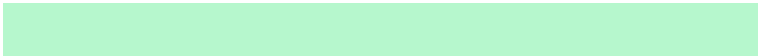
46.2586, 58.6119, 89.6093

Complementary

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



68.5403, 58.6119, 78.2218



63.5740, 80.8761, 70.0212

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.



43.9494, 58.6119, 69.4593



68.5403, 58.6119, 78.2218



48.0785, 58.6119, 39.1638

Square

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



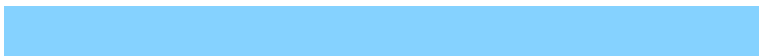
68.5403, 58.6119, 78.2218



60.5340, 58.6119, 35.3366



44.5880, 58.6119, 51.3014



51.1472, 58.6119, 104.5475

Rectangle

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



68.5403, 58.6119, 78.2218



67.7667, 58.6119, 47.7935



44.5880, 58.6119, 51.3014



45.1735, 58.6119, 83.0762

Sweetspot

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



68.5420, 58.6145, 78.2230



87.7432, 87.2116, 100.8379



58.6269, 53.1180, 95.1595



18.5037, 18.1848, 21.2698



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.



68.5420, 58.6145, 78.2230



70.0049, 56.7986, 79.3144



64.5746, 57.0276, 57.3310



16.9501, 16.6629, 19.4838



23.6932, 11.8207, 18.8904



2.1311, 1.0584, 1.9169

Inverse Universe

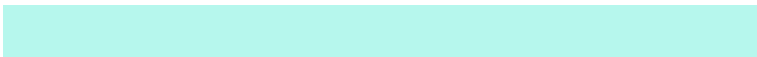
The Inverse Universe completely reimagines the original color for something new.



68.5420, 58.6145, 78.2230



70.0049, 56.7986, 79.3144



67.8768, 82.5972, 92.6792



16.9501, 16.6629, 19.4838



23.6932, 11.8207, 18.8904



2.1311, 1.0584, 1.9169

Previews

White Background



This preview shows how the XYZ color 68.5403, 58.6119, 78.2218 looks on a white background.

Color Contrast Check

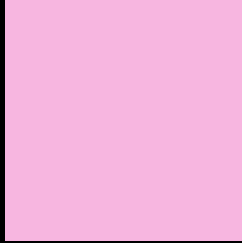
Large Text (above 18pt) WCAG AA × Fail

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 68.5403, 58.6119, 78.2218 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 68.5403, 58.6119, 78.2218

Background



This preview shows how black text looks on a background with the XYZ color 68.5403, 58.6119, 78.2218.



This preview shows how white text looks on a background with the XYZ color 68.5403, 58.6119,

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

68.5403, 58.6119, 78.2218

Protanopia

58.3003, 58.9668, 87.6659

Deuteranopia

59.9425, 58.6974, 76.5770



Tritanopia

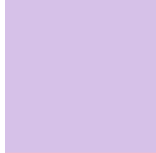
65.4097, 58.5680, 63.1156

Trichromacy



Original Color

68.5403, 58.6119, 78.2218



Protanomaly

61.3670, 58.2623, 84.3553



Deuteranomaly

62.8670, 58.5431, 77.0937



Tritanomaly

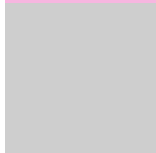
66.5138, 58.7139, 68.1489

Monochromacy



Original Color

68.5403, 58.6119, 78.2218



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.7953, 60.1088, 71.2960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5403, 58.6119, 78.2218 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, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 182, 224)  
}
```

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, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 182, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.5403, 58.6119, 78.2218 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, 182, 224) }
```


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

```
.border{ border-color:rgb(247, 182, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 182, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 182,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5403, 58.6119, 78.2218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 182, 224) }
```

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

```
.background{ background-color: rgb(247,  
182, 224) }
```

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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