

Converting Colors

XYZ(74.8009, 67.9912, 90.5752)

Have a look what the booklet for
XYZ(74.8009, 67.9912, 90.5752)
contains.

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Color

**XYZ(75.0583, 68.2472,
90.8784)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CAEF
RGB	247, 202, 239
RGB Percent	97%, 79%, 94%
CMY	0.0314, 0.2078, 0.0627
CMYK	0.00, 0.18, 0.03, 0.03
HSL	311°, 74%, 88%
HSV	311°, 18%, 97%
XYZ	75.0583, 68.2472, 90.8784
YIQ	219.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

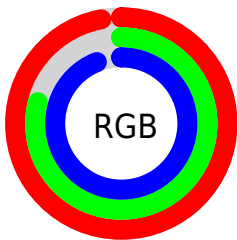
Format	Color
RYB	247, 202, 239
Decimal	16239343
CIELab	86.13, 21.94, -12.22
CIELCh	86, 25.116, 330.887
Yxy	68.2472, 0.3205, 0.2914
Android (android.graphics.Color)	4294429423 (0xFFFF7CAEF)
YUV	219.6730, 9.5282, 23.9658
Hunter-Lab	82.6119, 17.6082, -7.3945

Details

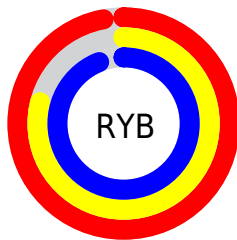
The XYZ color **75.0583, 68.2472, 90.8784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2534, 83.7332, 73.4886**, and the grayscale version is **67.7298, 71.2570, 77.5989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3724, 35.5459, 49.5329** is the 20% darker color. If you saturate the color by 10%, you get **69.0799, 57.3151, 85.7239**, and if you desaturate by 10%, it is **81.9841, 81.0466, 96.4280**.

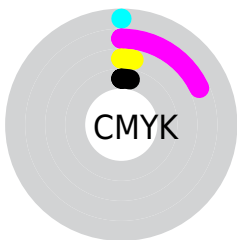
Distribution



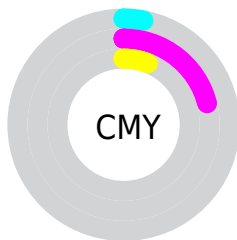
- Red (97%)
- Green (79%)
- Blue (94%)



- Red (97%)
- Yellow (79%)
- Blue (94%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0583, 68.2472, 90.8784 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 75.0583, 68.2472, 90.8784 by changing the saturation by 10% instead.

75.0583, 68.2472,
90.8784

75.0583, 68.2472,
90.8784

467.1120,
454.3714, 551.5278

55.9550, 50.0989,
68.1316

125.3824,
116.7057, 150.5041

40.4037, 35.4920,
49.5375

157.3338,
147.7847, 188.2201

28.0391, 24.0421,
34.6774

194.2987,
183.9427, 231.7629

18.4957, 15.3648,
23.1329

236.6424,
225.5640, 281.5510

11.4083, 9.0758,
14.4855

284.7302,
273.0332, 338.0030

6.4115, 4.7907,
8.3165

338.9275,

3.1399, 2.1250,

326.7345, 401.5374

4.2075

399.5997,
387.0525, 472.5729

■ 1.2282, 0.6786,
1.7398

■ 0.1284, 0.0000,
0.3878

■ 75.0583, 68.2472,
90.8784

■ 75.0583, 68.2472,
90.8784

■ 69.0799, 57.3151,
85.7239

■ 81.9841, 81.0466,
96.4280

■ 63.9986, 48.1533,
80.9450

■ 89.8923, 95.7866,
102.3827

■ 59.7688, 40.6695,
76.5265

■ 91.7169, 98.3339,
106.3883

■ 56.3381, 34.7594,
72.4506

■ 92.1683, 98.5144,
108.7651

■ 53.6487, 30.3072,
68.6973

■ 51.6344, 27.1810,
65.2441

■ 50.2174, 25.2252,
62.0644

■ 49.2894, 24.2233,
59.1216

■ 49.1479, 24.0903,
58.6126

Harmonies

Analogous

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



70.7349, 68.2472, 105.0736



75.0583, 68.2472, 90.8784



76.6135, 68.2472, 73.8186

Triad

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



75.0583, 68.2472, 90.8784



64.6952, 68.2472, 46.8351



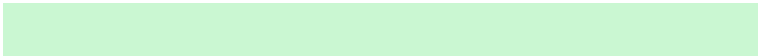
55.7978, 68.2472, 91.8566

Complementary

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



75.0583, 68.2472, 90.8784



69.2534, 83.7332, 73.4886

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.



54.3869, 68.2472, 74.8028



75.0583, 68.2472, 90.8784



59.3328, 68.2472, 50.2259

Square

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



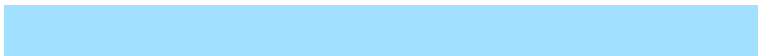
75.0583, 68.2472, 90.8784



70.4201, 68.2472, 49.8478



55.6425, 68.2472, 59.8880



59.6137, 68.2472, 105.6948

Rectangle

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



75.0583, 68.2472, 90.8784



75.8026, 68.2472, 63.5400



55.6425, 68.2472, 59.8880



55.0370, 68.2472, 86.2321

Sweetspot

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



75.0603, 68.2502, 90.8799



90.7537, 91.9880, 105.6779



64.3482, 62.5883, 96.6861



19.3004, 19.4574, 22.5244



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.



75.0603, 68.2502, 90.8799



78.1257, 68.6550, 95.5407



72.0051, 67.0281, 74.7912



17.0798, 16.7148, 20.1666



26.0403, 12.7596, 31.2502



2.3211, 1.1344, 2.9170

Inverse Universe

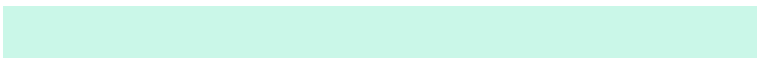
The Inverse Universe completely reimagines the original color for something new.



75.0603, 68.2502, 90.8799



78.1257, 68.6550, 95.5407



72.1858, 84.9061, 88.9300



17.0798, 16.7148, 20.1666



26.0403, 12.7596, 31.2502



2.3211, 1.1344, 2.9170

Previews

White Background



This preview shows how the XYZ color 75.0583, 68.2472, 90.8784 looks on a white background.

Color Contrast Check

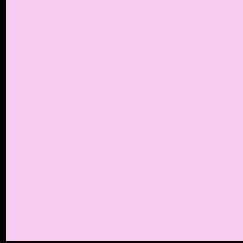
Large Text (above 18pt) WCAG AA × Fail

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 75.0583, 68.2472, 90.8784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

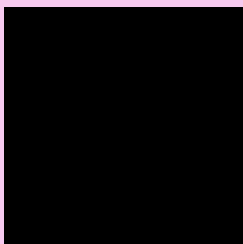
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0583, 68.2472, 90.8784

Background



This preview shows how black text looks on a background with the XYZ color 75.0583, 68.2472, 90.8784.



This preview shows how white text looks on a background with the XYZ color 75.0583, 68.2472,

90.8784.

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

75.0583, 68.2472, 90.8784

Protanopia

67.4134, 68.5102, 97.6664

Deuteranopia

70.1578, 68.5971, 90.4318



Tritanopia

72.5387, 68.2956, 77.7658

Trichromacy



Original Color

75.0583, 68.2472, 90.8784

Protanomaly

69.8072, 68.3128, 95.0944

Deuteranomaly

71.6771, 68.2911, 90.2926

Tritanomaly

73.6025, 68.3800, 82.7182

Monochromacy



Original Color

75.0583, 68.2472, 90.8784

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.2925, 69.9575, 82.4714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0583, 68.2472, 90.8784 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, 202, 239)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 239)  
}
```

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, 202, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.0583, 68.2472, 90.8784 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, 202, 239) }
```


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

```
.border{ border-color:rgb(247, 202, 239) }
```

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

Here you see how a box with a 4 pixel rgb(247, 202, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0583, 68.2472, 90.8784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 239) }
```

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

```
.background{ background-color: rgb(247,  
202, 239) }
```

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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