

Converting Colors

XYZ(73.9166, 68.9278, 81.3601)

Have a look what the booklet for
XYZ(73.9166, 68.9278, 81.3601)
contains.

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Color

**XYZ(73.9166, 68.9278,
81.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CDE2
RGB	247, 205, 226
RGB Percent	97%, 80%, 89%
CMY	0.0314, 0.1961, 0.1137
CMYK	0.00, 0.17, 0.09, 0.03
HSL	330°, 72%, 89%
HSV	330°, 17%, 97%
XYZ	73.9166, 68.9278, 81.3601
YIQ	219.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

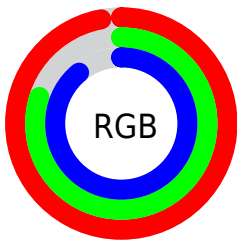
Format	Color
R _Y B	247, 205, 226
Decimal	16240098
CIE Lab	86.47, 18.13, -4.82
CIE LCh	86, 18.758, 345.116
Yxy	68.9278, 0.3297, 0.3074
Android (android.graphics.Color)	4294430178 (0xFFFF7CDE2)
YUV	219.9520, 2.9817, 23.7211
Hunter-Lab	83.0228, 13.6318, 0.0133

Details

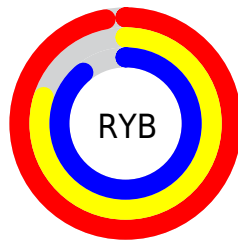
The XYZ color **73.9166, 68.9278, 81.3601** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1678, 84.9936, 84.5573**, and the grayscale version is **67.9666, 71.5062, 77.8703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6525, 36.0206, 43.3908** is the 20% darker color. If you saturate the color by 10%, you get **66.8342, 57.3776, 70.9367**, and if you desaturate by 10%, it is **82.0578, 82.3983, 92.7404**.

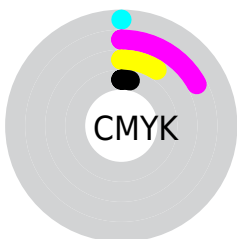
Distribution



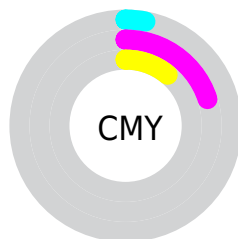
- Red (97%)
- Green (80%)
- Blue (89%)



- Red (97%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9166, 68.9278, 81.3601 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 73.9166, 68.9278, 81.3601 by changing the saturation by 10% instead.


 73.9166, 68.9278,
81.3601

 73.9166, 68.9278,
81.3601


463.2402,
456.7763, 519.3319

 55.0168, 50.6529,
60.3055


123.7737,
117.6784, 137.1049

 39.6491, 35.9325,
43.2380

155.4618,
148.9230, 172.6322

 27.4480, 24.3820,
29.7391


192.1433,
185.2596, 213.8207

 18.0483, 15.6173,
19.3903

234.1836,
227.0725, 261.0891

 11.0846, 9.2537,
11.7730

281.9481,
274.7463, 314.8559

 6.1915, 4.9070,
6.4686

335.8021,

 3.0036, 2.1928,

328.6652, 375.5396

3.0587

396.1111,
389.2138, 443.5587

■ 1.1557, 0.7161,
1.1247

■ 0.0709, 0.0000,
0.0000

■ 73.9166, 68.9278,
81.3601

■ 73.9166, 68.9278,
81.3601

■ 66.8342, 57.3776,
70.9367

■ 82.0578, 82.3983,
92.7404

■ 60.7584, 47.6503,
61.4379

■ 91.2950, 97.8624,
105.0999

■ 55.6414, 39.6534,
52.8355

■ 92.1682, 98.5144,
108.7651

■ 51.4290, 33.2831,
45.0979

■ 48.0613, 28.4238,
38.1912

■ 45.4705, 24.9449,
32.0783

■ 43.5775, 22.6930,
26.7177

■ 42.2818, 21.4724,
22.0600

■ 41.9640, 21.2167,
20.7830

Harmonies

Analogous

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



71.6079, 68.9278, 93.2158



73.9166, 68.9278, 81.3601



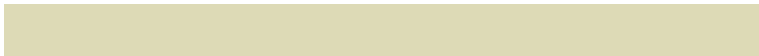
73.9071, 68.9278, 68.9876

Triad

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



73.9166, 68.9278, 81.3601



63.3611, 68.9278, 54.2568



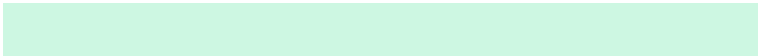
59.7982, 68.9278, 93.2950

Complementary

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



73.9166, 68.9278, 81.3601



72.1678, 84.9936, 84.5573

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.



57.7813, 68.9278, 81.4589



73.9166, 68.9278, 81.3601



59.7757, 68.9278, 59.4134

Square

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



73.9166, 68.9278, 81.3601



67.6814, 68.9278, 54.2366



57.7733, 68.9278, 69.0761



63.3930, 68.9278, 100.6062

Rectangle

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



73.9166, 68.9278, 81.3601



72.5817, 68.9278, 62.1220



57.7733, 68.9278, 69.0761



58.9204, 68.9278, 89.6591

Sweetspot

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



73.9186, 68.9309, 81.3616



90.1069, 91.7293, 102.2720



69.9865, 66.5502, 97.1535



19.1430, 19.3944, 21.6956



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.



73.9186, 68.9309, 81.3616



77.0453, 70.1307, 83.9693



71.2111, 67.8478, 67.1040



16.8447, 16.6207, 18.9286



22.2649, 11.2494, 11.3690



2.0087, 1.0095, 1.2724

Inverse Universe

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



73.9186, 68.9309, 81.3616



77.0453, 70.1307, 83.9693



75.2283, 86.2177, 100.6735



16.8447, 16.6207, 18.9286



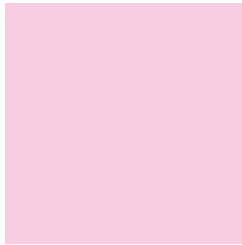
22.2649, 11.2494, 11.3690



2.0087, 1.0095, 1.2724

Previews

White Background



This preview shows how the XYZ color 73.9166, 68.9278, 81.3601 looks on a white background.

Color Contrast Check

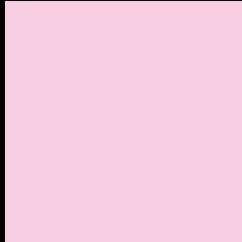
Large Text (above 18pt) WCAG AA × Fail

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 73.9166, 68.9278, 81.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

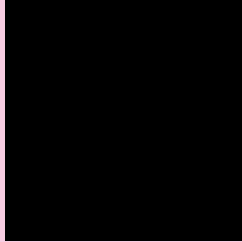
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9166, 68.9278, 81.3601

Background



This preview shows how black text looks on a background with the XYZ color 73.9166, 68.9278, 81.3601.



This preview shows how white text looks on a background with the XYZ color 73.9166, 68.9278,

81.3601.

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

73.9166, 68.9278, 81.3601

Protanopia

67.1848, 69.0260, 86.1263

Deuteranopia

70.5689, 69.0219, 80.8373



Tritanopia

73.2622, 69.0094, 78.5660

Trichromacy



Original Color

73.9166, 68.9278, 81.3601

Protanomaly

69.2557, 68.6326, 84.4602

Deuteranomaly

71.7431, 68.8987, 80.7517

Tritanomaly

73.3966, 69.0632, 79.2741

Monochromacy



Original Color

73.9166, 68.9278, 81.3601

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1184, 70.6978, 79.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9166, 68.9278, 81.3601 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, 205, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 226)  
}
```

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, 205, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.9166, 68.9278, 81.3601 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, 205, 226) }
```


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

```
.border{ border-color:rgb(247, 205, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 205, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 205, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 205, 226); box-shadow:4px 4px 4px 4px rgb(247, 205, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9166, 68.9278, 81.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 226) }
```

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

```
.background{ background-color: rgb(247,  
205, 226) }
```

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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