

Converting Colors

XYZ(76.4199, 71.7697, 78.3848)

Have a look what the booklet for
XYZ(76.4199, 71.7697, 78.3848)
contains.

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Color

**XYZ(76.3596, 71.7040,
78.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD1DD
RGB	253, 209, 221
RGB Percent	99%, 82%, 87%
CMY	0.0078, 0.1804, 0.1333
CMYK	0.00, 0.17, 0.13, 0.01
HSL	344°, 92%, 91%
HSV	344°, 17%, 99%
XYZ	76.3596, 71.7040, 78.2223
YIQ	223.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

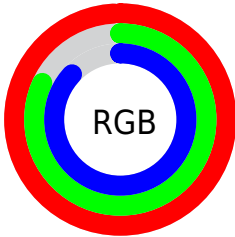
Format	Color
R _{YB}	253, 209, 221
Decimal	16634333
CIE Lab	87.83, 17.29, -0.11
CIE LCh	88, 17.288, 359.623
Yxy	71.7040, 0.3374, 0.3169
Android (android.graphics.Color)	4294824413 (0xFFFD1DD)
YUV	223.5240, -1.2443, 25.8505
Hunter-Lab	84.6782, 12.7777, 4.5051

Details

The XYZ color **76.3596, 71.7040, 78.2223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2998, 90.1585, 96.5516**, and the grayscale version is **70.5111, 74.1831, 80.7854**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2035, 37.6001, 41.1623** is the 20% darker color. If you saturate the color by 10%, you get **68.3196, 59.3345, 64.1019**, and if you desaturate by 10%, it is **85.6580, 86.1587, 94.0897**.

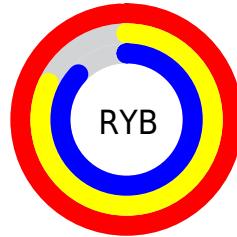
Distribution



Red (99%)

Green (82%)

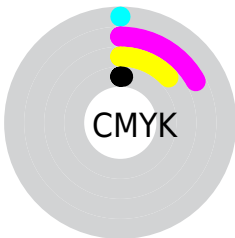
Blue (87%)



Red (99%)

Yellow (82%)

Blue (87%)

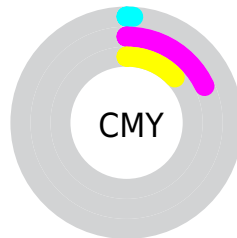


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3596, 71.7040, 78.2223 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 76.3596, 71.7040, 78.2223 by changing the saturation by 10% instead.


 76.3596, 71.7040,
78.2223

 76.3596, 71.7040,
78.2223


471.5033,
466.5107, 508.4694

 57.0255, 52.9169,
57.7391


127.2127,
121.6356, 132.6522

 41.2659, 37.7364,
41.1856

159.4625,
153.5489, 167.4359

 28.7155, 25.7782,
28.1433


196.7482,
190.6064, 207.8235

 19.0089, 16.6578,
18.1938

239.4352,
233.1925, 254.2336

 11.7808, 9.9908,
10.9183

287.8889,
281.6916, 307.0847

 6.6657, 5.3929,
5.8984

342.4745,

 3.2984, 2.4796,

336.4880, 366.7953

2.7156

403.5575,
397.9663, 433.7840

■ 1.3135, 0.8664,
0.9513

■ 0.1933, 0.0000,
0.0000

■ 76.3596, 71.7040,
78.2223

■ 76.3596, 71.7040,
78.2223

■ 68.3196, 59.3345,
64.1019

■ 85.6580, 86.1587,
94.0897

■ 61.4770, 48.9442,
51.6631

■ 94.3184, 99.6228,
108.8658

■ 55.7746, 40.4325,
40.8429

■ 51.1479, 33.6860,
31.5724

■ 47.5258, 28.5787,
23.7775

■ 44.8284, 24.9681,
17.3775

■ 42.9623, 22.6868,
12.2831

■ 41.8089, 21.5178,
8.3907

■ 41.5820, 21.3123,
7.5494

Harmonies

Analogous

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



75.1961, 71.7040, 90.0797



76.3596, 71.7040, 78.2223



75.2515, 71.7040, 67.4178

Triad

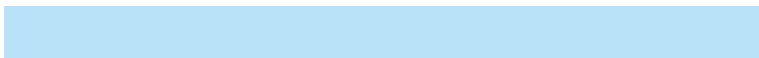
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3596, 71.7040, 78.2223



64.3225, 71.7040, 60.0146



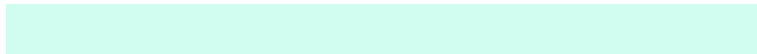
64.2360, 71.7040, 99.2592

Complementary

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



76.3596, 71.7040, 78.2223



77.2998, 90.1585, 96.5516

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.



61.5146, 71.7040, 89.7966



76.3596, 71.7040, 78.2223



61.5631, 71.7040, 67.1844

Square

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



76.3596, 71.7040, 78.2223



68.2044, 71.7040, 57.5681



60.5556, 71.7040, 77.9248



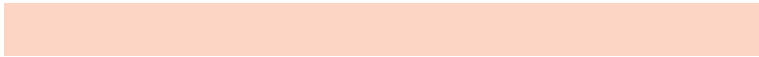
68.1006, 71.7040, 102.9477

Rectangle

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



76.3596, 71.7040, 78.2223



73.3982, 71.7040, 62.0782



60.5556, 71.7040, 77.9248



63.1629, 71.7040, 96.6043

Sweetspot

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



76.3616, 71.7072, 78.2238



89.6592, 91.5502, 99.9141



76.6490, 71.3149, 102.6546



19.0344, 19.3510, 21.1234



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.



76.3616, 71.7072, 78.2238



74.6329, 68.2039, 74.2312



77.2289, 75.9090, 70.9070



18.2128, 18.0684, 19.7378



22.1719, 11.3581, 4.2897



2.2023, 1.1233, 0.6469

Inverse Universe

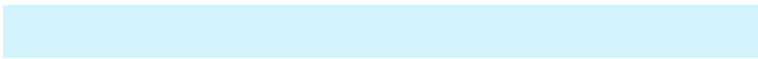
The Inverse Universe completely reimagines the original color for something new.



76.3616, 71.7072, 78.2238



74.6329, 68.2039, 74.2312



76.2170, 85.0302, 105.3247



18.2128, 18.0684, 19.7378



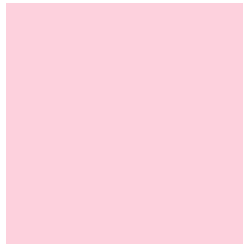
22.1719, 11.3581, 4.2897



2.2023, 1.1233, 0.6469

Previews

White Background



This preview shows how the XYZ color 76.3596, 71.7040, 78.2223 looks on a white background.

Color Contrast Check

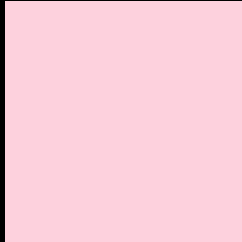
Large Text (above 18pt) WCAG AA × Fail

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 76.3596, 71.7040, 78.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

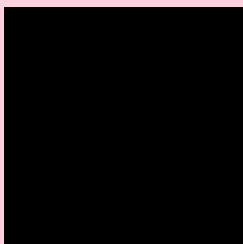
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3596, 71.7040, 78.2223

Background



This preview shows how black text looks on a background with the XYZ color 76.3596, 71.7040, 78.2223.



This preview shows how white text looks on a background with the XYZ color 76.3596, 71.7040,

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

76.3596, 71.7040, 78.2223

Protanopia

69.3208, 71.7387, 82.8664

Deuteranopia

73.3305, 71.6331, 77.6718



Tritanopia

76.6545, 71.4306, 80.9815

Trichromacy



Original Color

76.3596, 71.7040, 78.2223

Protanomaly

71.4953, 71.3608, 81.2400

Deuteranomaly

74.4678, 71.8471, 77.6531

Tritanomaly

76.5184, 71.3762, 80.2650

Monochromacy



Original Color

76.3596, 71.7040, 78.2223

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9118, 73.6529, 80.1856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3596, 71.7040, 78.2223 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(253, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 221)  
}
```

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(253, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.3596, 71.7040, 78.2223 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(253, 209, 221) }
```


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

```
.border{ border-color:rgb(253, 209, 221) }
```

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

Here you see how a box with a 4 pixel rgb(253, 209, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3596, 71.7040, 78.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 221) }
```

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

```
.background{ background-color: rgb(253,  
209, 221) }
```

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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