

Converting Colors

XYZ(76.5547, 70.9122, 78.3717)

Have a look what the booklet for
XYZ(76.5547, 70.9122, 78.3717)
contains.

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Color

**XYZ(76.6040, 71.1061,
78.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFDD
RGB	255, 207, 221
RGB Percent	100%, 81%, 87%
CMY	0.0000, 0.1882, 0.1333
CMYK	0.00, 0.19, 0.13, 0.00
HSL	343°, 100%, 91%
HSV	343°, 19%, 100%
XYZ	76.6040, 71.1061, 78.0940
YIQ	222.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

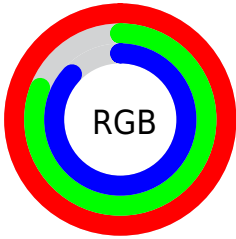
Format	Color
R _Y B	255, 207, 221
Decimal	16764893
CIE Lab	87.54, 19.03, -0.51
CIE LCh	88, 19.037, 358.451
Yxy	71.1061, 0.3392, 0.3149
Android (android.graphics.Color)	4294954973 (0xFFFFCFDD)
YUV	222.9480, -0.9604, 28.1096
Hunter-Lab	84.3244, 14.5894, 4.1178

Details

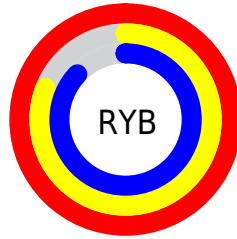
The XYZ color **76.6040, 71.1061, 78.0940** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3717, 91.1374, 96.7360**, and the grayscale version is **70.0984, 73.7490, 80.3126**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3999, 37.2154, 41.0777** is the 20% darker color. If you saturate the color by 10%, you get **68.6390, 58.8227, 64.1971**, and if you desaturate by 10%, it is **85.8289, 85.4944, 93.6904**.

Distribution



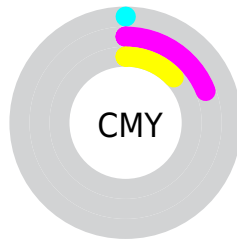
- Red (100%)
- Green (81%)
- Blue (87%)



- Red (100%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6040, 71.1061, 78.0940 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 76.6040, 71.1061, 78.0940 by changing the saturation by 10% instead.


 76.6040, 71.1061,
78.0940

 76.6040, 71.1061,
78.0940


472.3255,
464.4242, 508.0224

 57.2267, 52.4288,
57.6343


127.5561,
120.7848, 132.4697

 41.4281, 37.3470,
41.1020


159.8617,
152.5549, 167.2228

 28.8429, 25.4762,
28.0785


197.2074,
189.4582, 207.5774

 19.1057, 16.4322,
18.1453

239.9586,
231.8789, 253.9521

 11.8511, 9.8305,
10.8838

288.4807,
280.2014, 306.7654

 6.7139, 5.2867,
5.8756

343.1389,

 3.3285, 2.4165,

334.8103, 366.4358

2.7020

404.2987,
396.0897, 433.3820

■ 1.3298, 0.8343,
0.9444

■ 0.2054, 0.0000,
0.0000

■ 76.6040, 71.1061,
78.0940

■ 76.6040, 71.1061,
78.0940

■ 68.6390, 58.8227,
64.1971

■ 85.8289, 85.4944,
93.6904

■ 61.8731, 48.5364,
51.9363

95.0500, 100.0000,
108.9000

■ 56.2475, 40.1432,
41.2507

■ 51.6967, 33.5262,
32.0738

■ 48.1478, 28.5553,
24.3337

■ 45.5186, 25.0825,
17.9524

■ 43.7127, 22.9328,
12.8429

■ 42.5942, 21.8539,
8.9003

■ 42.4882, 21.7593,
8.5029

Harmonies

Analogous

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



75.2260, 71.1061, 91.1196



76.6040, 71.1061, 78.0940



75.4774, 71.1061, 66.2112

Triad

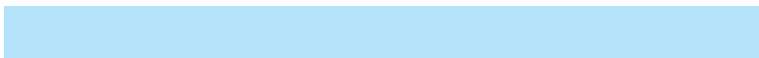
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6040, 71.1061, 78.0940



63.5469, 71.1061, 57.6221



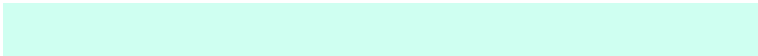
63.1591, 71.1061, 100.5079

Complementary

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



76.6040, 71.1061, 78.0940



77.3717, 91.1374, 96.7360

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.



60.2614, 71.1061, 89.8328



76.6040, 71.1061, 78.0940



60.4783, 71.1061, 65.1717

Square

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



76.6040, 71.1061, 78.0940



67.8183, 71.1061, 55.2072



59.3018, 71.1061, 76.7548



67.3507, 71.1061, 104.9170

Rectangle

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



76.6040, 71.1061, 78.0940



73.4846, 71.1061, 60.3249



59.3018, 71.1061, 76.7548



62.0084, 71.1061, 97.4790

Sweetspot

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



76.6056, 71.1091, 78.0955



88.6655, 89.9452, 98.4046



76.5041, 70.4793, 104.1794



18.8355, 19.0281, 20.8264



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

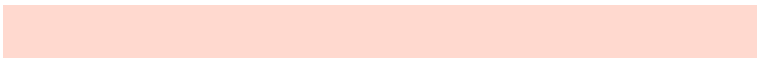
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6056, 71.1091, 78.0955



73.1268, 65.7251, 72.0845



77.2143, 75.1875, 69.4783



18.2272, 18.0742, 19.8137



22.2570, 11.3921, 4.7378



2.2122, 1.1273, 0.6989

Inverse Universe

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



76.6056, 71.1091, 78.0955



73.1268, 65.7251, 72.0845



76.5577, 86.0341, 107.1790



18.2272, 18.0742, 19.8137



22.2570, 11.3921, 4.7378



2.2122, 1.1273, 0.6989

Previews

White Background



This preview shows how the XYZ color 76.6040, 71.1061, 78.0940 looks on a white background.

Color Contrast Check

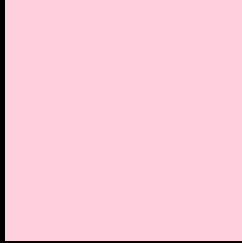
Large Text (above 18pt) WCAG AA × Fail

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 76.6040, 71.1061, 78.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

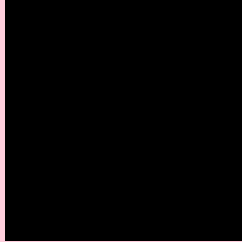
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6040, 71.1061, 78.0940

Background



This preview shows how black text looks on a background with the XYZ color 76.6040, 71.1061, 78.0940.

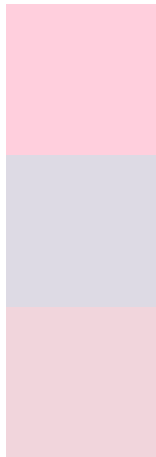


This preview shows how white text looks on a background with the XYZ color 76.6040, 71.1061,

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

76.6040, 71.1061, 78.0940

Protanopia

68.8938, 71.1164, 83.4945

Deuteranopia

72.9881, 71.4566, 77.6558



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

76.6040, 71.1061, 78.0940

Protanomaly

71.2414, 70.8530, 81.1553

Deuteranomaly

74.2186, 71.3487, 77.5701

Tritanomaly

76.7376, 71.1596, 78.7979

Monochromacy



Original Color

76.6040, 71.1061, 78.0940

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.2586, 72.5618, 79.3046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6040, 71.1061, 78.0940 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(255, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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(255, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.6040, 71.1061, 78.0940 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(255, 207, 221) }
```


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

```
.border{ border-color:rgb(255, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6040, 71.1061, 78.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 221) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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