

Converting Colors

XYZ(117.8952, 92.8515,
80.3666)

Have a look what the booklet for
XYZ(117.8952, 92.8515, 80.3666)
contains.

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Color

**XYZ(76.8470, 71.5922,
78.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0DD
RGB	255, 208, 221
RGB Percent	100%, 82%, 87%
CMY	0.0000, 0.1843, 0.1333
CMYK	0.00, 0.18, 0.13, 0.00
HSL	343°, 100%, 91%
HSV	343°, 18%, 100%
XYZ	76.8470, 71.5922, 78.1750
YIQ	223.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

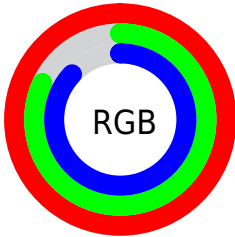
Format	Color
R _Y B	255, 208, 221
Decimal	16765149
CIE Lab	87.77, 18.51, -0.17
CIE LCh	88, 18.508, 359.472
Yxy	71.5922, 0.3391, 0.3159
Android (android.graphics.Color)	4294955229 (0xFFFFD0DD)
YUV	223.5350, -1.2498, 27.5948
Hunter-Lab	84.6122, 14.0471, 4.4492

Details

The XYZ color **76.8470, 71.5922, 78.1750** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8018, 91.3419, 97.5382**, and the grayscale version is **70.5180, 74.1905, 80.7934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5629, 37.5414, 41.1320** is the 20% darker color. If you saturate the color by 10%, you get **68.7981, 59.2141, 64.0244**, and if you desaturate by 10%, it is **86.1689, 86.0834, 94.0844**.

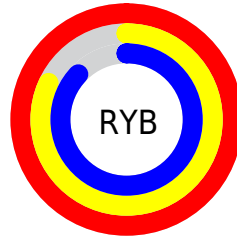
Distribution



Red (100%)

Green (82%)

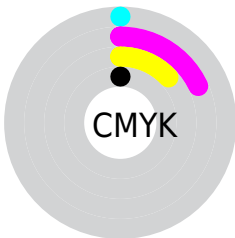
Blue (87%)



Red (100%)

Yellow (82%)

Blue (87%)

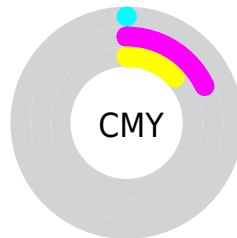


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8470, 71.5922, 78.1750 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 76.8470, 71.5922, 78.1750 by changing the saturation by 10% instead.

76.8470, 71.5922,
78.1750

76.8470, 71.5922,
78.1750

473.1422,
466.1210, 508.3046

57.4268, 52.8256,
57.7004

127.8975,
121.4766, 132.5849

41.5895, 37.6636,
41.1548

160.2585,
153.3631, 167.3573

28.9697, 25.7217,
28.1194

197.6637,
190.3918, 207.7328

19.2020, 16.6155,
18.1759

240.4787,
232.9471, 254.1298

11.9212, 9.9608,
10.9056

289.0686,
281.4132, 306.9670

6.7619, 5.3730,
5.8900

343.7990,

3.3586, 2.4677,

336.1746, 366.6628

2.7106

405.0350,
397.6157, 433.6358

■ 1.3461, 0.8604,
0.9488

■ 0.2173, 0.0000,
0.0000

■ 76.8470, 71.5922,
78.1750

■ 76.8470, 71.5922,
78.1750

■ 68.7981, 59.2141,
64.0244

■ 86.1689, 86.0834,
94.0844

■ 61.9607, 48.8411,
51.5665

95.0500, 100.0000,
108.9000

■ 56.2759, 40.3694,
40.7372

■ 51.6774, 33.6824,
31.4669

■ 48.0923, 28.6503,
23.6804

■ 45.4379, 25.1255,
17.2956

■ 43.6176, 22.9340,
12.2215

■ 42.4999, 21.8335,
8.3498

■ 42.3618, 21.7087,
7.8375

Harmonies

Analogous

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



75.5846, 71.5922, 90.8969



76.8470, 71.5922, 78.1750



75.6681, 71.5922, 66.6453

Triad

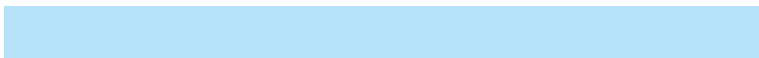
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8470, 71.5922, 78.1750



63.9745, 71.5922, 58.7308



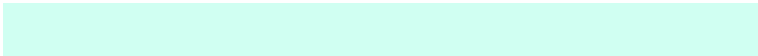
63.8451, 71.5922, 100.7013

Complementary

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



76.8470, 71.5922, 78.1750



77.8018, 91.3419, 97.5382

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.



60.9542, 71.5922, 90.4696



76.8470, 71.5922, 78.1750



61.0266, 71.5922, 66.2979

Square

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



76.8470, 71.5922, 78.1750



68.1242, 71.5922, 56.1776



59.9444, 71.5922, 77.7289



67.9684, 71.5922, 104.7303

Rectangle

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



76.8470, 71.5922, 78.1750



73.6841, 71.5922, 60.9723



59.9444, 71.5922, 77.7289



62.7036, 71.5922, 97.8226

Sweetspot

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



76.8487, 71.5952, 78.1765



88.6305, 89.9311, 98.2201



77.1173, 71.1563, 104.2778



18.8272, 19.0248, 20.7828



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

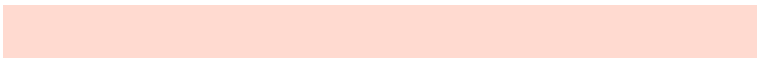
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8487, 71.5952, 78.1765



73.8309, 66.9370, 72.9244



77.7461, 76.0548, 70.2608



18.2158, 18.0696, 19.7533



22.1888, 11.3648, 4.3787



2.2043, 1.1241, 0.6573

Inverse Universe

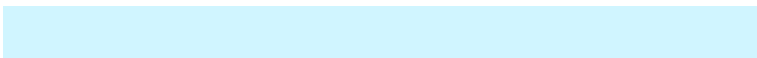
The Inverse Universe completely reimagines the original color for something new.



76.8487, 71.5952, 78.1765



73.8309, 66.9370, 72.9244



76.6615, 85.8255, 107.1332



18.2158, 18.0696, 19.7533



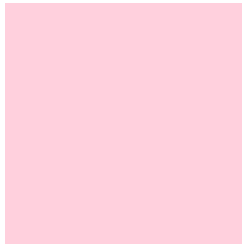
22.1888, 11.3648, 4.3787



2.2043, 1.1241, 0.6573

Previews

White Background



This preview shows how the XYZ color 76.8470, 71.5922, 78.1750 looks on a white background.

Color Contrast Check

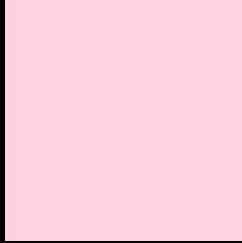
Large Text (above 18pt) WCAG AA × Fail

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 76.8470, 71.5922, 78.1750 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 76.8470, 71.5922, 78.1750

Background



This preview shows how black text looks on a background with the XYZ color 76.8470, 71.5922, 78.1750.



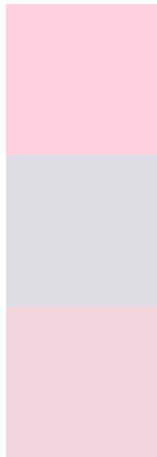
This preview shows how white text looks on a background with the XYZ color 76.8470, 71.5922,

78.1750.

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

76.8470, 71.5922, 78.1750

Protanopia

69.3208, 71.7387, 82.8664

Deuteranopia

72.9881, 71.4566, 77.6558



Tritanopia

77.2504, 71.7536, 80.2993

Trichromacy



Original Color

76.8470, 71.5922, 78.1750

Protanomaly

71.8227, 71.5295, 81.2553

Deuteranomaly

74.2186, 71.3487, 77.5701

Tritanomaly

77.1152, 71.6995, 79.5870

Monochromacy



Original Color

76.8470, 71.5922, 78.1750

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6516, 73.1327, 80.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8470, 71.5922, 78.1750 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, 208, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.8470, 71.5922, 78.1750 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, 208, 221) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8470, 71.5922, 78.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 221) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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