

Converting Colors

XYZ(76.9148, 71.6250, 80.1025)

Have a look what the booklet for
XYZ(76.9148, 71.6250, 80.1025)
contains.

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Color

**XYZ(76.8835, 71.5644,
80.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	FED0E0
RGB	254, 208, 224
RGB Percent	100%, 82%, 88%
CMY	0.0039, 0.1843, 0.1216
CMYK	0.00, 0.18, 0.12, 0.00
HSL	339°, 96%, 91%
HSV	339°, 18%, 100%
XYZ	76.8835, 71.5644, 80.2821
YIQ	223.5780, 22.2800, 14.7280

Conversions

Conversions Part 2

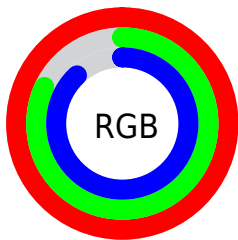
Format	Color
RYB	254, 208, 224
Decimal	16699616
CIELab	87.76, 18.64, -1.79
CIELCh	88, 18.724, 354.519
Yxy	71.5644, 0.3361, 0.3129
Android (android.graphics.Color)	4294889696 (0xFFFE0E0)
YUV	223.5780, 0.2080, 26.6801
Hunter-Lab	84.5957, 14.1843, 2.9503

Details

The XYZ color **76.8835, 71.5644, 80.2821** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8897, 90.4685, 94.3030**, and the grayscale version is **70.5396, 74.2132, 80.8181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5786, 37.5174, 42.5863** is the 20% darker color. If you saturate the color by 10%, you get **69.0415, 59.3019, 67.1179**, and if you desaturate by 10%, it is **85.9402, 85.9042, 94.9330**.

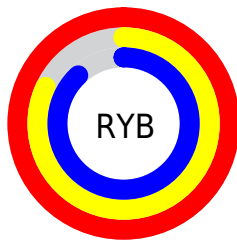
Distribution



Red (100%)

Green (82%)

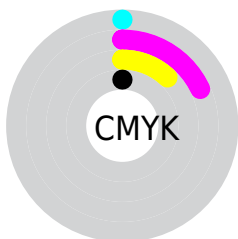
Blue (88%)



Red (100%)

Yellow (82%)

Blue (88%)

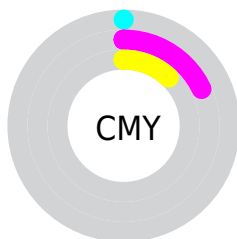


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8835, 71.5644, 80.2821 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 76.8835, 71.5644, 80.2821 by changing the saturation by 10% instead.


 76.8835, 71.5644,
80.2821

 76.8835, 71.5644,
80.2821

473.2648,
466.0240, 515.6148

 57.4569, 52.8029,
59.4230


127.9487,
121.4370, 135.5773

 41.6137, 37.6455,
42.5315


160.3180,
153.3169, 170.8504

 28.9887, 25.7076,
29.1890


197.7323,
190.3385, 211.7653

 19.2165, 16.6051,
18.9770

240.5568,
232.8860, 258.7404

 11.9318, 9.9533,
11.4770

289.1569,
281.3439, 312.1944

 6.7691, 5.3680,
6.2705

343.8981,

 3.3632, 2.4648,

336.0966, 372.5458

2.9388

405.1456,
397.5285, 440.2131

■ 1.3486, 0.8589,
1.0635

■ 0.2191, 0.0000,
0.0000

■ 76.8835, 71.5644,
80.2821

■ 76.8835, 71.5644,
80.2821

■ 69.0415, 59.3019,
67.1179

■ 85.9402, 85.9042,
94.9330

■ 62.3547, 49.0104,
55.3873

94.6835, 99.8110,
108.8828

■ 56.7677, 40.5886,
45.0407

■ 52.2180, 33.9224,
36.0232

■ 48.6364, 28.8848,
28.2763

■ 45.9447, 25.3317,
21.7363

■ 44.0515, 23.0934,
16.3323

■ 42.8341, 21.9388,
11.9803

■ 42.6487, 21.7811,
11.2612

Harmonies

Analogous

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



75.2166, 71.5644, 93.0037



76.8835, 71.5644, 80.2821



76.0927, 71.5644, 68.2023

Triad

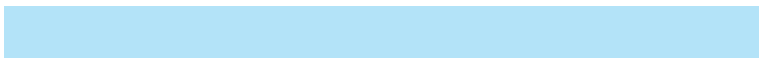
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8835, 71.5644, 80.2821



64.5356, 71.5644, 57.7128



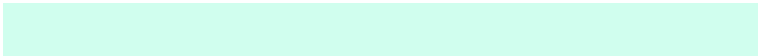
63.1804, 71.5644, 99.5920

Complementary

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



76.8835, 71.5644, 80.2821



76.8897, 90.4685, 94.3030

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.



60.5391, 71.5644, 88.5227



76.8835, 71.5644, 80.2821



61.2974, 71.5644, 64.5649

Square

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



76.8835, 71.5644, 80.2821



68.8392, 71.5644, 56.0152



59.8650, 71.5644, 75.6076



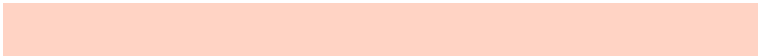
67.2070, 71.5644, 104.9030

Rectangle

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



76.8835, 71.5644, 80.2821



74.2951, 71.5644, 61.9943



59.8650, 71.5644, 75.6076



62.1082, 71.5644, 96.3665

Sweetspot

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



76.8855, 71.5676, 80.2836



89.8064, 91.6091, 100.6892



75.6742, 70.4308, 103.3729



19.0701, 19.3652, 21.3114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

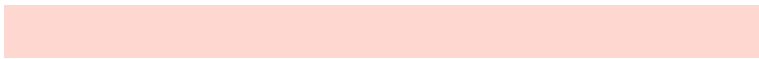
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8855, 71.5676, 80.2836



74.3490, 67.1443, 75.6525



76.5357, 74.1780, 69.9623



18.2702, 18.0914, 20.0398



22.5473, 11.5082, 6.2663



2.2446, 1.1402, 0.8695

Inverse Universe

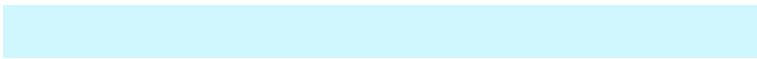
The Inverse Universe completely reimagines the original color for something new.



76.8855, 71.5676, 80.2836



74.3490, 67.1443, 75.6525



77.1956, 87.1504, 106.5200



18.2702, 18.0914, 20.0398



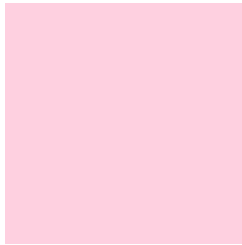
22.5473, 11.5082, 6.2663



2.2446, 1.1402, 0.8695

Previews

White Background



This preview shows how the XYZ color 76.8835, 71.5644, 80.2821 looks on a white background.

Color Contrast Check

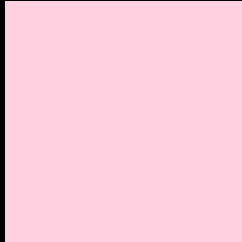
Large Text (above 18pt) WCAG AA × Fail

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 76.8835, 71.5644, 80.2821 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 76.8835, 71.5644, 80.2821

Background



This preview shows how black text looks on a background with the XYZ color 76.8835, 71.5644, 80.2821.



This preview shows how white text looks on a background with the XYZ color 76.8835, 71.5644,

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

76.8835, 71.5644, 80.2821

Protanopia

69.5741, 71.8047, 85.7941

Deuteranopia

73.0487, 71.4415, 79.7515



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

76.8835, 71.5644, 80.2821

Protanomaly

71.9083, 71.5260, 83.4147

Deuteranomaly

74.2697, 71.3287, 79.6654

Tritanomaly

76.8835, 71.5644, 80.2821

Monochromacy



Original Color

76.8835, 71.5644, 80.2821

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.7869, 73.1868, 80.8112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8835, 71.5644, 80.2821 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(254, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 224)  
}
```

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(254, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.8835, 71.5644, 80.2821 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(254, 208, 224) }
```


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

```
.border{ border-color:rgb(254, 208, 224) }
```

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

Here you see how a box with a 4 pixel rgb(254, 208, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8835, 71.5644, 80.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 224) }
```

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

```
.background{ background-color: rgb(254,  
208, 224) }
```

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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