

Converting Colors

XYZ(76.8243, 71.7654, 86.3217)

Have a look what the booklet for
XYZ(76.8243, 71.7654, 86.3217)
contains.

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Color

**XYZ(76.7903, 71.7511,
86.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1E8
RGB	250, 209, 232
RGB Percent	98%, 82%, 91%
CMY	0.0196, 0.1804, 0.0902
CMYK	0.00, 0.16, 0.07, 0.02
HSL	326°, 80%, 90%
HSV	326°, 16%, 98%
XYZ	76.7903, 71.7511, 86.1460
YIQ	223.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

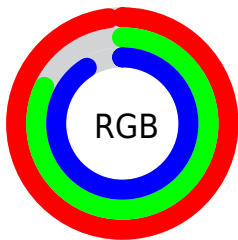
Format	Color
R _Y B	250, 209, 232
Decimal	16437736
CIE Lab	87.85, 18.06, -5.93
CIE LCh	88, 19.010, 341.826
Yxy	71.7511, 0.3272, 0.3057
Android (android.graphics.Color)	4294627816 (0xFFFAD1E8)
YUV	223.8810, 4.0027, 22.9064
Hunter-Lab	84.7060, 13.5838, -1.0037

Details

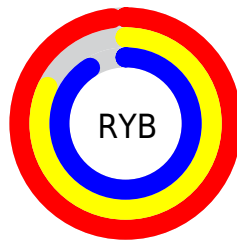
The XYZ color **76.7903, 71.7511, 86.1460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3481, 87.4745, 85.6429**, and the grayscale version is **70.7321, 74.4157, 81.0387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3844, 37.5832, 46.1474** is the 20% darker color. If you saturate the color by 10%, you get **69.6209, 59.8293, 76.3026**, and if you desaturate by 10%, it is **85.0237, 85.6430, 96.8263**.

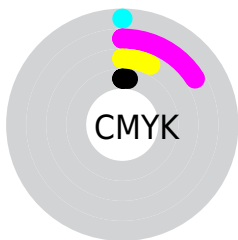
Distribution



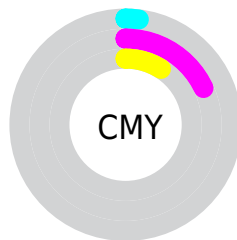
- Red (98%)
- Green (82%)
- Blue (91%)



- Red (98%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7903, 71.7511, 86.1460 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 76.7903, 71.7511, 86.1460 by changing the saturation by 10% instead.


 76.7903, 71.7511,
86.1460

 76.7903, 71.7511,
86.1460


472.9517,
466.6748, 535.6557

 57.3801, 52.9554,
64.2331


127.8178,
121.7026, 143.8616

 41.5518, 37.7672,
46.3921


160.1659,
153.6272, 180.5013

 28.9401, 25.8020,
32.2045


197.5573,
190.6968, 222.8871

 19.1796, 16.6756,
21.2516

240.3574,
233.2959, 271.4375

 11.9049, 10.0035,
13.1150

288.9315,
281.8088, 326.5710

 6.7507, 5.4013,
7.3761

343.6450,

 3.3516, 2.4846,

336.6200, 388.7062

3.6164

404.8633,
398.1139, 458.2616

■ 1.3423, 0.8689,
1.4174

■ 0.2146, 0.0000,
0.1552

■ 76.7903, 71.7511,
86.1460

■ 76.7903, 71.7511,
86.1460

■ 69.6209, 59.8293,
76.3026

■ 85.0237, 85.6430,
96.8263

■ 63.4627, 49.7779,
67.2672

■ 93.0670, 98.9971,
107.9314

■ 58.2677, 41.5027,
59.0158

■ 93.2348, 99.0642,
108.8151

■ 53.9813, 34.8975,
51.5210

■ 50.5430, 29.8447,
44.7530

■ 47.8849, 26.2110,
38.6794

■ 45.9271, 23.8406,
33.2636

■ 44.5709, 22.5390,
28.4618

■ 44.1756, 22.2246,
26.8626

Harmonies

Analogous

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



74.1573, 71.7511, 98.1736



76.7903, 71.7511, 86.1460



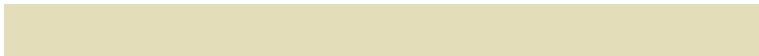
77.0601, 71.7511, 73.1350

Triad

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



76.7903, 71.7511, 86.1460



66.4320, 71.7511, 56.2121



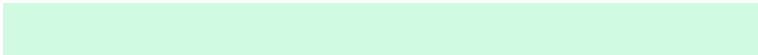
61.9253, 71.7511, 95.9222

Complementary

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



76.7903, 71.7511, 86.1460



74.3481, 87.4745, 85.6429

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.



60.0414, 71.7511, 83.3364



76.7903, 71.7511, 86.1460



62.5654, 71.7511, 61.0101

Square

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



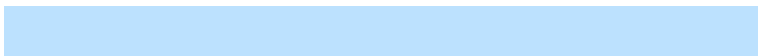
76.7903, 71.7511, 86.1460



70.9434, 71.7511, 56.7866



60.2705, 71.7511, 70.6175



65.5230, 71.7511, 104.2329

Rectangle

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



76.7903, 71.7511, 86.1460



75.8494, 71.7511, 65.7231



60.2705, 71.7511, 70.6175



61.0779, 71.7511, 91.9958

Sweetspot

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



76.7924, 71.7543, 86.1475



90.2282, 91.7778, 102.9109



71.6636, 68.7996, 99.9461



19.1725, 19.4062, 21.8509



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.



76.7924, 71.7543, 86.1475



77.4848, 70.3065, 86.2837



74.0774, 70.6683, 71.8508



17.6524, 17.3883, 20.0251



23.5055, 11.8179, 14.6363



2.2303, 1.1159, 1.6362

Inverse Universe

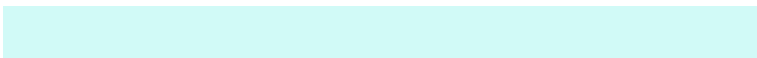
The Inverse Universe completely reimagines the original color for something new.



76.7924, 71.7543, 86.1475



77.4848, 70.3065, 86.2837



77.3121, 88.6601, 101.2512



17.6524, 17.3883, 20.0251



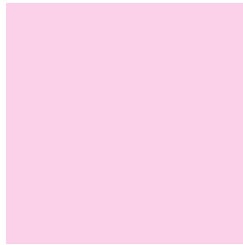
23.5055, 11.8179, 14.6363



2.2303, 1.1159, 1.6362

Previews

White Background



This preview shows how the XYZ color 76.7903, 71.7511, 86.1460 looks on a white background.

Color Contrast Check

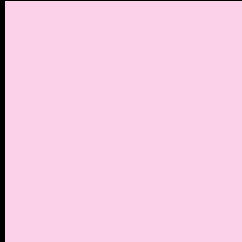
Large Text (above 18pt) WCAG AA × Fail

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 76.7903, 71.7511, 86.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

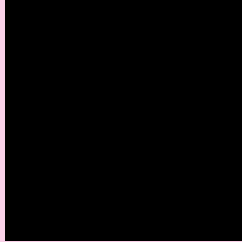
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7903, 71.7511, 86.1460

Background



This preview shows how black text looks on a background with the XYZ color 76.7903, 71.7511, 86.1460.



This preview shows how white text looks on a background with the XYZ color 76.7903, 71.7511,

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

76.7903, 71.7511, 86.1460

Protanopia

69.9776, 71.8962, 91.0781

Deuteranopia

73.3954, 71.8672, 85.6047



Tritanopia

75.8410, 71.7239, 81.7984

Trichromacy



Original Color

76.7903, 71.7511, 86.1460

Protanomaly

72.0739, 71.4800, 89.3552

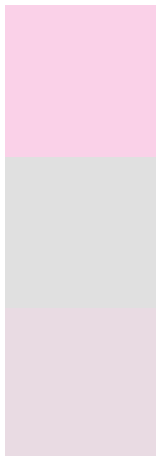
Deuteranomaly

74.5852, 71.7337, 85.5162

Tritanomaly

76.1171, 71.8344, 83.2524

Monochromacy



Original Color

76.7903, 71.7511, 86.1460

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.8009, 73.5327, 83.0293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7903, 71.7511, 86.1460 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(250, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 232)  
}
```

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(250, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 76.7903, 71.7511, 86.1460 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(250, 209, 232) }
```


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

```
.border{ border-color:rgb(250, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7903, 71.7511, 86.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 232) }
```

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

```
.background{ background-color: rgb(250,  
209, 232) }
```

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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