

Converting Colors

XYZ(80.3654, 76.7761, 93.8620)

Have a look what the booklet for
XYZ(80.3654, 76.7761, 93.8620)
contains.

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Color

**XYZ(80.3729, 76.8177,
93.8103)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FADAF1 |
| RGB | 250, 218, 241 |
| RGB Percent | 98%, 85%, 95% |
| CMY | 0.0196, 0.1451, 0.0549 |
| CMYK | 0.00, 0.13, 0.04, 0.02 |
| HSL | 317°, 76%, 92% |
| HSV | 317°, 13%, 98% |
| XYZ | 80.3729, 76.8177, 93.8103 |
| YIQ | 230.1900, 11.6890, 13.9370 |

Conversions

Conversions Part 2

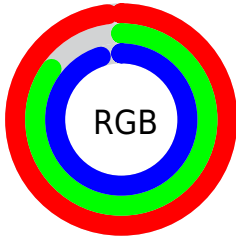
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 250, 218, 241 |
| Decimal | 16440049 |
| CIE Lab | 90.24, 14.90, -7.14 |
| CIE LCh | 90, 16.520, 334.389 |
| Yxy | 76.8177, 0.3202, 0.3060 |
| Android (android.graphics.Color) | 4294630129 (0xFFFADAF1) |
| YUV | 230.1900, 5.3293, 17.3734 |
| Hunter-Lab | 87.6457, 10.3082, -2.1082 |

Details

The XYZ color **80.3729, 76.8177, 93.8103** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9671, 88.8247, 85.7655**, and the grayscale version is **75.3120, 79.2341, 86.2860**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8465, 41.0346, 51.5085** is the 20% darker color. If you saturate the color by 10%, you get **73.3429, 64.4055, 86.3847**, and if you desaturate by 10%, it is **88.4257, 91.2084, 101.7787**.

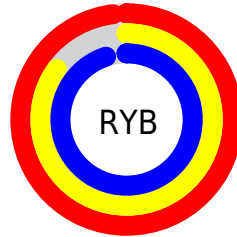
Distribution



Red (98%)

Green (85%)

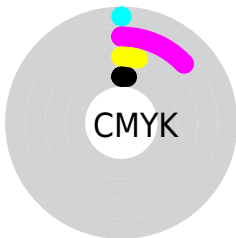
Blue (95%)



Red (98%)

Yellow (85%)

Blue (95%)

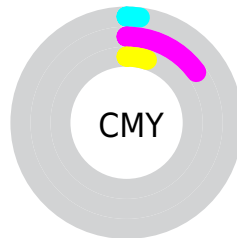


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3729, 76.8177, 93.8103 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 80.3729, 76.8177, 93.8103 by changing the saturation by 10% instead.


 80.3729, 76.8177,
93.8103

 80.3729, 76.8177,
93.8103


484.9061,
484.1422, 561.2360

 60.3348, 57.1033,
70.5538


132.8377,
128.8821, 154.6014

 43.9390, 41.0882,
51.4985


165.9950,
162.0009, 192.9730

 30.8203, 28.3880,
36.2260


204.2561,
200.3566, 237.2201

 20.6132, 18.6183,
24.3177

247.9864,
244.3335, 287.7611

 12.9524, 11.3948,
15.3551

297.5512,
294.3162, 345.0147

 7.4725, 6.3331,
8.9196

353.3158,

 3.8083, 3.0486,

350.6889, 409.3993

4.5927

415.6457,
413.8361, 481.3336

■ 1.5943, 1.1572,
1.9558

■ 0.3887, 0.0263,
0.5279

■ 80.3729, 76.8177,
93.8103

■ 80.3729, 76.8177,
93.8103

■ 73.3429, 64.4055,
86.3847

■ 88.4257, 91.2084,
101.7787

■ 67.2849, 53.8742,
79.4800

■ 93.2348, 99.0642,
108.8150

■ 62.1538, 45.1331,
73.0799

■ 57.8980, 38.0800,
67.1648

■ 54.4608, 32.6023,
61.7136

■ 51.7788, 28.5737,
56.7026

■ 49.7785, 25.8482,
52.1049

■ 48.3712, 24.2490,
47.8886

■ 47.6304, 23.6065,
45.0553

Harmonies

Analogous

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



77.5676, 76.8177, 103.7415



80.3729, 76.8177, 93.8103



81.1786, 76.8177, 81.9216

Triad

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



80.3729, 76.8177, 93.8103



72.4099, 76.8177, 63.0452



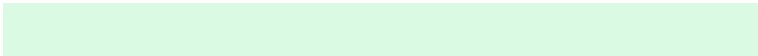
66.6841, 76.8177, 97.0856

Complementary

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



80.3729, 76.8177, 93.8103



76.9671, 88.8247, 85.7655

Split Complementary

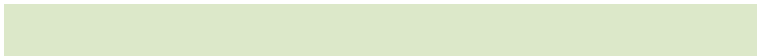
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4140, 76.8177, 85.3851



80.3729, 76.8177, 93.8103



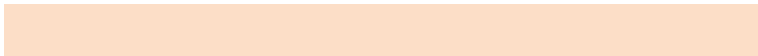
68.6401, 76.8177, 66.3213

Square

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



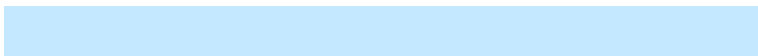
80.3729, 76.8177, 93.8103



76.4822, 76.8177, 64.8488



66.1166, 76.8177, 74.2353



69.6501, 76.8177, 105.7535

Rectangle

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



80.3729, 76.8177, 93.8103



80.4489, 76.8177, 74.6403



66.1166, 76.8177, 74.2353



66.0499, 76.8177, 93.3386

Sweetspot

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



80.3751, 76.8211, 93.8120



91.4234, 93.4804, 105.4293



73.8615, 73.3039, 100.6997



19.4266, 19.7545, 22.4287



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.



80.3751, 76.8211, 93.8120



82.3542, 77.3032, 96.3603



78.1528, 75.9321, 82.1091



17.7726, 17.4364, 20.6583



25.3290, 12.5473, 24.2387



2.3912, 1.1802, 2.4832

Inverse Universe

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



80.3751, 76.8211, 93.8120



82.3542, 77.3032, 96.3603



79.2088, 89.7214, 97.5701



17.7726, 17.4364, 20.6583



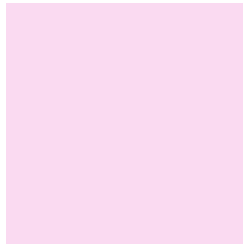
25.3290, 12.5473, 24.2387



2.3912, 1.1802, 2.4832

Previews

White Background



This preview shows how the XYZ color 80.3729, 76.8177, 93.8103 looks on a white background.

Color Contrast Check

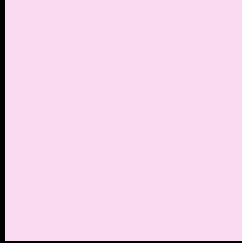
Large Text (above 18pt) WCAG AA × Fail

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 80.3729, 76.8177, 93.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

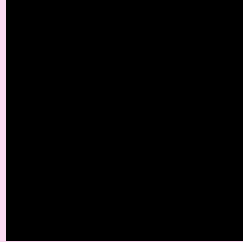
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3729, 76.8177, 93.8103

Background



This preview shows how black text looks on a background with the XYZ color 80.3729, 76.8177, 93.8103.



This preview shows how white text looks on a background with the XYZ color 80.3729, 76.8177,

93.8103.

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

80.3729, 76.8177, 93.8103

Protanopia

75.1949, 77.2153, 98.1296

Deuteranopia

78.6958, 77.1185, 93.9567



Tritanopia

79.5388, 76.8589, 90.0000

Trichromacy



Original Color

80.3729, 76.8177, 93.8103

Protanomaly

76.9778, 76.9692, 96.3873

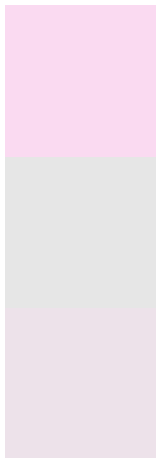
Deuteranomaly

79.4764, 77.1301, 93.9178

Tritanomaly

79.8311, 76.9758, 91.5392

Monochromacy



Original Color

80.3729, 76.8177, 93.8103

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.9727, 78.3378, 88.9057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3729, 76.8177, 93.8103 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, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(250, 218, 241)  
}
```

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, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 218, 241) }
```

Border

The CSS property to change the border of an element to XYZ 80.3729, 76.8177, 93.8103 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, 218, 241) }
```


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

```
.border{ border-color:rgb(250, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 218,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3729, 76.8177, 93.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 218, 241) }
```

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

```
.background{ background-color: rgb(250,  
218, 241) }
```

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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