

# Converting Colors

XYZ(77.0766, 74.5628, 92.0944)

Have a look what the booklet for  
XYZ(77.0766, 74.5628, 92.0944)  
contains.

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# Color

**XYZ(77.0980, 74.3984,  
91.9582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D8EF
RGB	243, 216, 239
RGB Percent	95%, 85%, 94%
CMY	0.0471, 0.1529, 0.0627
CMYK	0.00, 0.11, 0.02, 0.05
HSL	309°, 53%, 90%
HSV	309°, 11%, 95%
XYZ	77.0980, 74.3984, 91.9582
YIQ	226.6950, 8.7090, 12.8770

# Conversions

## Conversions Part 2

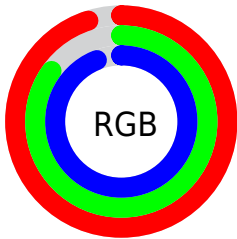
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 216, 239
Decimal	15980783
CIE Lab	89.11, 13.24, -7.82
CIE LCh	89, 15.383, 329.429
Yxy	74.3984, 0.3167, 0.3056
Android (android.graphics.Color)	4294170863 (0xFFFF3D8EF)
YUV	226.6950, 6.0664, 14.2995
Hunter-Lab	86.2545, 8.6056, -2.8325

# Details

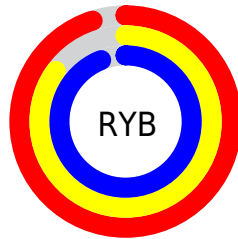
The XYZ color **77.0980, 74.3984, 91.9582** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2906, 83.8695, 80.0397**, and the grayscale version is **72.7469, 76.5354, 83.3470**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7856, 39.4734, 50.2165** is the 20% darker color. If you saturate the color by 10%, you get **70.8011, 62.6464, 87.2616**, and if you desaturate by 10%, it is **84.3305, 88.0023, 97.0207**.

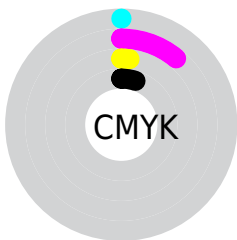
# Distribution



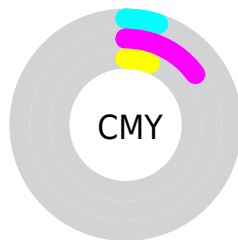
- Red (95%)
- Green (85%)
- Blue (94%)



- Red (95%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0980, 74.3984, 91.9582 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 77.0980, 74.3984, 91.9582 by changing the saturation by 10% instead.



77.0980, 74.3984,  
91.9582

77.0980, 74.3984,  
91.9582

473.9849,  
475.8472, 555.1140

57.6335, 55.1202,  
69.0231

128.2499,  
125.4604, 152.0146

41.7562, 39.4979,  
50.2586

160.6681,  
158.0130, 189.9731

29.1007, 27.1473,  
35.2463

198.1348,  
195.7591, 233.7763

19.3017, 17.6839,  
23.5676

241.0155,  
239.0832, 283.8429

11.9938, 10.7233,  
14.8040

289.6755,  
288.3697, 340.5915

6.8116, 5.8811,  
8.5368

344.4802,

3.3898, 2.7729,

344.0029, 404.4405

4.3477

405.7949,  
406.3673, 475.8085

■ 1.3631, 1.0144,  
1.8179

■ 0.2297, 0.0000,  
0.4398

■ 77.0980, 74.3984,  
91.9582

■ 77.0980, 74.3984,  
91.9582

■ 70.8011, 62.6464,  
87.2616

■ 84.3305, 88.0023,  
97.0207

■ 65.3929, 52.6560,  
82.9122

■ 89.3884, 97.2412,  
101.4102

■ 60.8322, 44.3440,  
78.8972

■ 89.9472, 97.4647,  
104.3527

■ 57.0722, 37.6166,  
75.2003

■ 90.5167, 97.6926,  
107.3521

■ 54.0613, 32.3708,  
71.8043

■ 90.7727, 97.7950,  
108.6998

■ 51.7418, 28.4914,  
68.6895

■ 50.0476, 25.8462,  
65.8335

■ 48.8994, 24.2767,  
63.2097

■ 48.2246, 23.5597,  
61.0342

# Harmonies

## Analogous

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



74.3118, 74.3984, 100.3344



77.0980, 74.3984, 91.9582



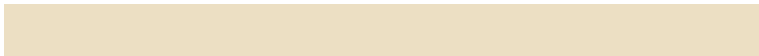
78.1631, 74.3984, 81.2130

# Triad

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



77.0980, 74.3984, 91.9582



70.7853, 74.3984, 62.0815



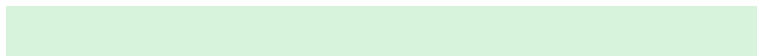
64.6238, 74.3984, 91.5712

# Complementary

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



77.0980, 74.3984, 91.9582



73.2906, 83.8695, 80.0397

# 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.



63.7529, 74.3984, 80.8018



77.0980, 74.3984, 91.9582



67.2332, 74.3984, 64.3364

# Square

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



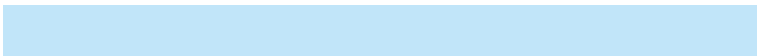
77.0980, 74.3984, 91.9582



74.4404, 74.3984, 64.5130



64.6915, 74.3984, 70.9621



67.1130, 74.3984, 100.0974



# Rectangle

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



77.0980, 74.3984, 91.9582



77.7258, 74.3984, 74.3375



64.6915, 74.3984, 70.9621



64.1361, 74.3984, 88.0644

# Sweetspot

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



77.1002, 74.4016, 91.9598



92.4759, 95.1430, 107.1443



70.1310, 70.7398, 94.7531



19.6499, 20.0937, 22.8342



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

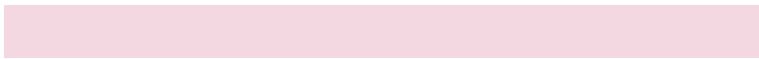
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1002, 74.4016, 91.9598



84.5906, 80.3306, 101.5618



75.2343, 73.6553, 82.1341



17.1019, 16.7236, 20.2831



26.5067, 12.9461, 33.7063



2.3578, 1.1491, 3.1106



# Inverse Universe

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



77.1002, 74.4016, 91.9598



84.5906, 80.3306, 101.5618



75.0943, 84.5910, 89.5378



17.1019, 16.7236, 20.2831



26.5067, 12.9461, 33.7063

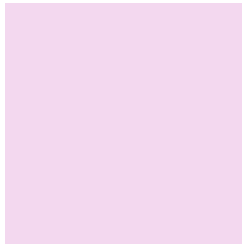


2.3578, 1.1491, 3.1106



# Previews

## White Background



This preview shows how the XYZ color 77.0980, 74.3984, 91.9582 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

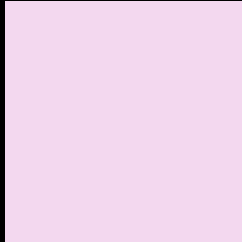
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.0980, 74.3984, 91.9582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

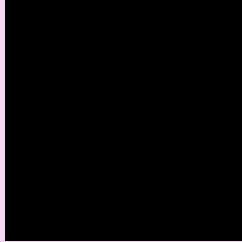
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.0980, 74.3984, 91.9582

## Background



This preview shows how black text looks on a background with the XYZ color 77.0980, 74.3984, 91.9582.



This preview shows how white text looks on a background with the XYZ color 77.0980, 74.3984,

91.9582.

# 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

77.0980, 74.3984, 91.9582

### Protanopia

72.6895, 74.7760, 95.3961

### Deuteranopia

75.9894, 74.2084, 91.9799



## Tritanopia

76.2821, 74.4435, 88.1904

# Trichromacy



## Original Color

77.0980, 74.3984, 91.9582

## Protanomaly

74.2533, 74.4202, 94.4554

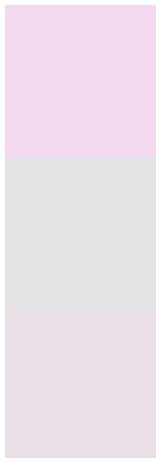
## Deuteranomaly

76.3280, 74.3830, 91.9958

## Tritanomaly

76.5711, 74.5591, 89.7125

# Monochromacy



## Original Color

77.0980, 74.3984, 91.9582

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.4158, 75.8685, 86.3233

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.0980, 74.3984, 91.9582 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(243, 216, 239) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 239)  
}
```

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(243, 216, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 77.0980, 74.3984, 91.9582 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(243, 216, 239) }
```



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

```
.border{ border-color:rgb(243, 216, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.0980, 74.3984, 91.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 239) }
```

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

```
.background{ background-color: rgb(243,  
216, 239) }
```

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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