

Converting Colors

XYZ(75.3697, 69.9471, 97.6426)

Have a look what the booklet for
XYZ(75.3697, 69.9471, 97.6426)
contains.

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Color

**XYZ(75.3770, 70.0418,
97.5423)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CFF7
RGB	241, 207, 247
RGB Percent	95%, 81%, 97%
CMY	0.0549, 0.1882, 0.0314
CMYK	0.02, 0.16, 0.00, 0.03
HSL	291°, 71%, 89%
HSV	291°, 16%, 97%
XYZ	75.3770, 70.0418, 97.5423
YIQ	221.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

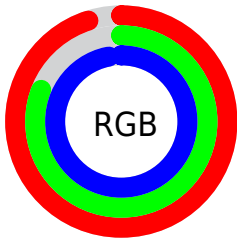
Format	Color
R _Y B	241, 207, 247
Decimal	15847415
CIE Lab	87.02, 18.77, -15.18
CIE LCh	87, 24.143, 321.029
Yxy	70.0418, 0.3102, 0.2883
Android (android.graphics.Color)	4294037495 (0xFFFF1CFF7)
YUV	221.7260, 12.4601, 16.9033
Hunter-Lab	83.6910, 14.3083, -10.5191

Details

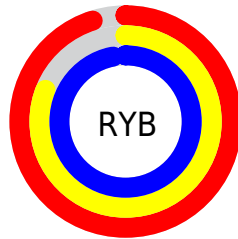
The XYZ color **75.3770, 70.0418, 97.5423** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9662, 85.1744, 71.6822**, and the grayscale version is **69.1510, 72.7522, 79.2271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8028, 36.8583, 54.2540** is the 20% darker color. If you saturate the color by 10%, you get **68.6035, 58.3522, 95.6440**, and if you desaturate by 10%, it is **83.1165, 83.6228, 99.7568**.

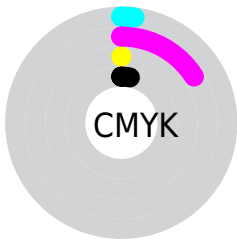
Distribution



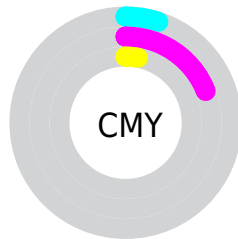
- Red (95%)
- Green (81%)
- Blue (97%)



- Red (95%)
- Yellow (81%)
- Blue (97%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3770, 70.0418, 97.5423 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 75.3770, 70.0418, 97.5423 by changing the saturation by 10% instead.


 75.3770, 70.0418,
97.5423

 75.3770, 70.0418,
97.5423


468.1896,
460.6968, 573.4632

 56.2171, 51.5606,
73.6442


125.8309,
119.2684, 159.7979

 40.6147, 36.6550,
54.0079

157.8556,
150.7825, 198.9925

 28.2045, 24.9405,
38.2147


194.8993,
187.4098, 244.1230

 18.6211, 16.0327,
25.8463

237.3273,
229.5346, 295.6080

 11.4992, 9.5473,
16.4839

285.5050,
277.5413, 353.8659

 6.4734, 5.0998,
9.7092

339.7977,

 3.1784, 2.3060,

331.8143, 419.3154

5.1035

400.5708,
392.7380, 492.3750

■ 1.2488, 0.7769,
2.2483

■ 0.1444, 0.0000,
0.7020

■ 75.3770, 70.0418,
97.5423

■ 75.3770, 70.0418,
97.5423

■ 68.6035, 58.3522,
95.6440

■ 83.1165, 83.6228,
99.7568

■ 62.7462, 48.4581,
94.0430

■ 91.4063, 98.2673,
102.1466

■ 57.7601, 40.2688,
92.7251

■ 92.7359, 98.9528,
102.2088

■ 53.5940, 33.6821,
91.6733

■ 93.7887, 99.4955,
102.2581

■ 50.1913, 28.5845,
90.8687

■ 47.4875, 24.8481,
90.2900

■ 45.4078, 22.3228,
89.9122

■ 43.8586, 20.8221,
89.7042

■ 43.3532, 20.4100,
89.6513

Harmonies

Analogous

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



70.5458, 70.0418, 109.1301



75.3770, 70.0418, 97.5423



77.8851, 70.0418, 81.2164

Triad

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



75.3770, 70.0418, 97.5423



68.2803, 70.0418, 49.4847



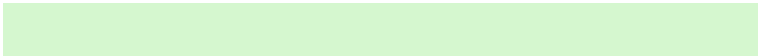
56.9426, 70.0418, 87.9766

Complementary

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



75.3770, 70.0418, 97.5423



71.9662, 85.1744, 71.6822

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.



56.4123, 70.0418, 71.5164



75.3770, 70.0418, 97.5423



62.7515, 70.0418, 50.7629

Square

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



75.3770, 70.0418, 97.5423



73.6383, 70.0418, 54.5502



58.4820, 70.0418, 58.3291



59.9741, 70.0418, 103.0874

Rectangle

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



75.3770, 70.0418, 97.5423



77.8099, 70.0418, 70.4674



58.4820, 70.0418, 58.3291



56.4730, 70.0418, 82.3693

Sweetspot

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



75.3791, 70.0448, 97.5438



90.4165, 91.7723, 107.5561



66.3177, 67.5725, 97.5442



19.2181, 19.4047, 22.9825



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.



75.3791, 70.0448, 97.5438



78.8706, 71.5355, 104.2585



75.3807, 70.2860, 86.6864



16.9551, 16.6350, 20.8598



23.0243, 10.8438, 47.4176



2.0885, 0.9865, 4.1706

Inverse Universe

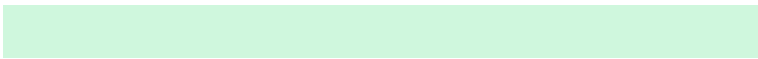
The Inverse Universe completely reimagines the original color for something new.



72.6832, 69.2069, 72.4813



75.5582, 70.5136, 73.1243



72.0464, 85.0091, 81.0205



16.6004, 16.5230, 17.6424



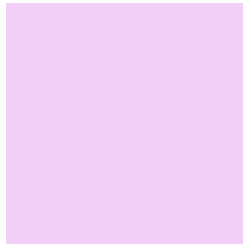
20.4948, 10.5414, 2.0482



1.8312, 0.9384, 0.3372

Previews

White Background



This preview shows how the XYZ color 75.3770, 70.0418, 97.5423 looks on a white background.

Color Contrast Check

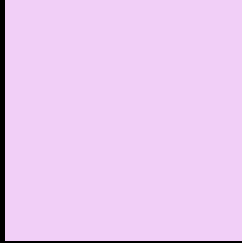
Large Text (above 18pt) WCAG AA × Fail

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 75.3770, 70.0418, 97.5423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

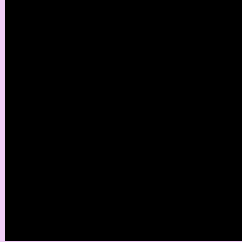
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3770, 70.0418, 97.5423

Background



This preview shows how black text looks on a background with the XYZ color 75.3770, 70.0418, 97.5423.



This preview shows how white text looks on a background with the XYZ color 75.3770, 70.0418,

97.5423.

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

75.3770, 70.0418, 97.5423

Protanopia

69.1495, 70.0525, 102.8054

Deuteranopia

71.5421, 69.9095, 96.9120



Tritanopia

72.1716, 69.8164, 82.3451

Trichromacy



Original Color

75.3770, 70.0418, 97.5423

Protanomaly

71.3310, 70.0831, 101.0346

Deuteranomaly

72.6361, 69.7359, 96.8208

Tritanomaly

73.2484, 69.8922, 87.4718

Monochromacy



Original Color

75.3770, 70.0418, 97.5423

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.5498, 72.0532, 85.7379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3770, 70.0418, 97.5423 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(241, 207, 247) looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 247)  
}
```

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(241, 207, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.3770, 70.0418, 97.5423 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(241, 207, 247) }
```


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

```
.border{ border-color:rgb(241, 207, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 207, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3770, 70.0418, 97.5423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 247) }
```

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

```
.background{ background-color: rgb(241,  
207, 247) }
```

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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