

Converting Colors

XYZ(76.8452, 73.1446, 96.9922)

Have a look what the booklet for
XYZ(76.8452, 73.1446, 96.9922)
contains.

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Color

**XYZ(76.7044, 72.9431,
97.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D5F6
RGB	241, 213, 246
RGB Percent	95%, 84%, 96%
CMY	0.0549, 0.1647, 0.0353
CMYK	0.02, 0.13, 0.00, 0.04
HSL	291°, 65%, 90%
HSV	291°, 13%, 96%
XYZ	76.7044, 72.9431, 97.2254
YIQ	225.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

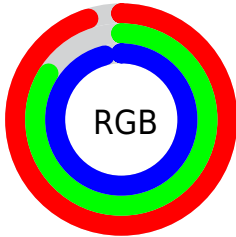
Format	Color
R _Y B	241, 213, 246
Decimal	15848950
CIE _{Lab}	88.42, 15.42, -12.56
CIE _{LCh}	88, 19.888, 320.851
Y _{xy}	72.9431, 0.3107, 0.2955
Android (android.graphics.Color)	4294039030 (0xFFFF1D5F6)
Y _{UV}	225.1340, 10.2869, 13.9145
Hunter-Lab	85.4067, 10.8503, -7.7099

Details

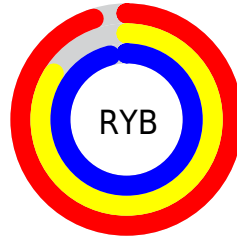
The XYZ color **76.7044, 72.9431, 97.2254** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.8821, 85.6229, 75.5874**, and the grayscale version is **71.5915, 75.3198, 82.0233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5287, 38.4857, 53.9549** is the 20% darker color. If you saturate the color by 10%, you get **69.7213, 60.8455, 95.2595**, and if you desaturate by 10%, it is **84.6564, 86.9374, 99.5085**.

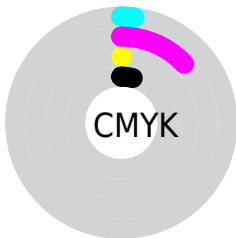
Distribution



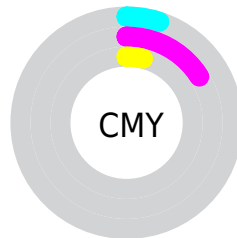
- Red (95%)
- Green (84%)
- Blue (96%)



- Red (95%)
- Yellow (84%)
- Blue (96%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7044, 72.9431, 97.2254 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 76.7044, 72.9431, 97.2254 by changing the saturation by 10% instead.

76.7044, 72.9431,
97.2254

76.7044, 72.9431,
97.2254

472.6630,
470.8176, 572.4304

57.3094, 53.9294,
73.3815

127.6972,
123.3964, 159.3574

41.4948, 38.5453,
53.7942

160.0257,
155.6049, 198.4826

28.8953, 26.4061,
38.0451

197.3960,
192.9804, 243.5387

19.1455, 17.1277,
25.7156

240.1735,
235.9074, 294.9441

11.8801, 10.3256,
16.3871

288.7237,
284.7702, 353.1175

6.7337, 5.6154,
9.6412

343.4117,

3.3410, 2.6126,

339.9532, 418.4773

5.0592

404.6030,
401.8409, 491.4421

■ 1.3365, 0.9330,
2.2227

■ 0.2103, 0.0000,
0.6874

■ 76.7044, 72.9431,
97.2254

■ 76.7044, 72.9431,
97.2254

■ 69.7213, 60.8455,
95.2595

■ 84.6564, 86.9374,
99.5085

■ 63.6584, 50.5509,
93.5920

■ 91.2683, 98.2139,
101.3367

■ 58.4722, 41.9717,
92.2093

■ 92.6064, 98.9038,
101.3993

■ 54.1132, 35.0090,
91.0952

■ 93.6348, 99.4339,
101.4474

■ 50.5271, 29.5542,
90.2313

■ 47.6525, 25.4849,
89.5973

■ 45.4185, 22.6596,
89.1697

■ 43.7390, 20.9062,
88.9198

■ 42.8517, 20.1692,
88.8243

Harmonies

Analogous

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



72.6532, 72.9431, 106.6456



76.7044, 72.9431, 97.2254



78.8052, 72.9431, 83.6814

Triad

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



76.7044, 72.9431, 97.2254



70.8018, 72.9431, 56.1681



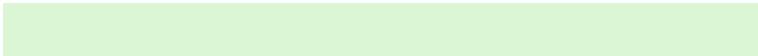
61.0916, 72.9431, 89.1644

Complementary

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



76.7044, 72.9431, 97.2254



73.8821, 85.6229, 75.5874

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.



60.6469, 72.9431, 75.3108



76.7044, 72.9431, 97.2254



66.1102, 72.9431, 57.2779

Square

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



76.7044, 72.9431, 97.2254



75.2958, 72.9431, 60.7097



62.4445, 72.9431, 63.9376



63.6884, 72.9431, 101.6328

Rectangle

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



76.7044, 72.9431, 97.2254



78.7535, 72.9431, 74.5699



62.4445, 72.9431, 63.9376



60.6903, 72.9431, 84.4815

Sweetspot

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



76.7066, 72.9462, 97.2270



91.3156, 93.3719, 107.8175



69.2795, 71.2059, 97.2825



19.3992, 19.7269, 23.0352



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.



76.7066, 72.9462, 97.2270



81.1492, 75.5207, 104.9077



76.7979, 73.1827, 88.6773



16.9525, 16.6337, 20.8597



22.9683, 10.8149, 47.4149



2.0841, 0.9842, 4.1704

Inverse Universe

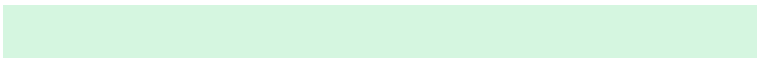
The Inverse Universe completely reimagines the original color for something new.



74.4577, 72.2466, 76.3539



78.3062, 74.6420, 78.2560



73.8534, 85.4413, 83.1233



16.6015, 16.5234, 17.6479



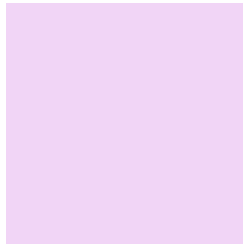
20.4982, 10.5427, 2.0662



1.8316, 0.9386, 0.3398

Previews

White Background



This preview shows how the XYZ color 76.7044, 72.9431, 97.2254 looks on a white background.

Color Contrast Check

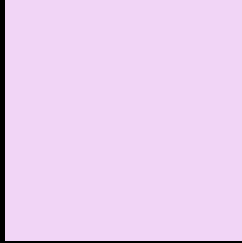
Large Text (above 18pt) WCAG AA × Fail

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 76.7044, 72.9431, 97.2254 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 76.7044, 72.9431, 97.2254

Background



This preview shows how black text looks on a background with the XYZ color 76.7044, 72.9431, 97.2254.



This preview shows how white text looks on a background with the XYZ color 76.7044, 72.9431,

97.2254.

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

76.7044, 72.9431, 97.2254

Protanopia

71.6211, 72.9031, 101.5637

Deuteranopia

74.6416, 73.0279, 96.5480



Tritanopia

74.4625, 72.7778, 86.4669

Trichromacy



Original Color

76.7044, 72.9431, 97.2254

Protanomaly

73.2758, 72.6340, 99.7803

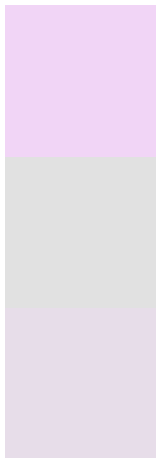
Deuteranomaly

75.3739, 73.0263, 96.5091

Tritanomaly

75.2678, 72.7328, 90.1926

Monochromacy



Original Color

76.7044, 72.9431, 97.2254

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.5194, 74.5850, 87.6123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7044, 72.9431, 97.2254 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, 213, 246)` looks like.

```
.text, #text, p{  
    color:rgb(241, 213, 246)  
}
```

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, 213, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 213, 246) }
```

Border

The CSS property to change the border of an element to XYZ 76.7044, 72.9431, 97.2254 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, 213, 246) }
```


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

```
.border{ border-color:rgb(241, 213, 246) }
```

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

Here you see how a box with a 4 pixel rgb(241, 213, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 213,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7044, 72.9431, 97.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 213, 246) }
```

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

```
.background{ background-color: rgb(241,  
213, 246) }
```

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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