

Converting Colors

XYZ(90.7172, 77.6432,
177.8580)

Have a look what the booklet for
XYZ(90.7172, 77.6432, 177.8580)
contains.

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Color

**XYZ(76.9409, 72.1593,
104.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD3FF
RGB	239, 211, 255
RGB Percent	94%, 83%, 100%
CMY	0.0627, 0.1725, 0.0000
CMYK	0.06, 0.17, 0.00, 0.00
HSL	278°, 100%, 91%
HSV	278°, 17%, 100%
XYZ	76.9409, 72.1593, 104.4806
YIQ	224.3880, 2.5640, 19.6200

Conversions

Conversions Part 2

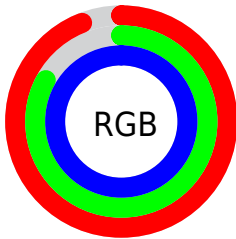
Format	Color
R _Y B	239, 211, 255
Decimal	15717375
CIE Lab	88.05, 17.52, -17.88
CIE LCh	88, 25.031, 314.417
Yxy	72.1593, 0.3034, 0.2846
Android (android.graphics.Color)	4293907455 (0xFFEFD3FF)
YUV	224.3880, 15.0917, 12.8147
Hunter-Lab	84.9466, 13.0208, -13.4614

Details

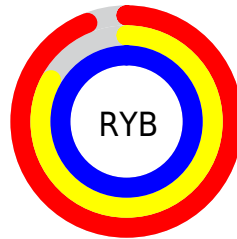
The XYZ color **76.9409, 72.1593, 104.4806** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.1982, 92.5549, 75.3223**, and the grayscale version is **71.0250, 74.7238, 81.3742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6099, 37.9214, 58.5526** is the 20% darker color. If you saturate the color by 10%, you get **68.0512, 58.9080, 102.3914**, and if you desaturate by 10%, it is **87.0001, 87.5091, 106.9133**.

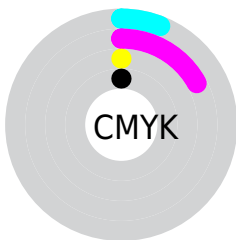
Distribution



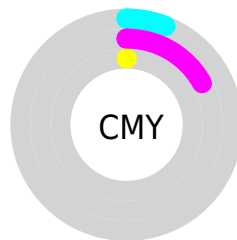
- Red (94%)
- Green (83%)
- Blue (100%)



- Red (94%)
- Yellow (83%)
- Blue (100%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9409, 72.1593, 104.4806 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 76.9409, 72.1593, 104.4806 by changing the saturation by 10% instead.

76.9409, 72.1593,
104.4806

76.9409, 72.1593,
104.4806

473.4575,
468.0959, 595.8333

57.5041, 53.2888,
79.4101

128.0293,
122.2830, 169.4064

41.6518, 38.0334,
58.7097

160.4117,
154.3050, 210.0988

29.0187, 26.0086,
41.9610

197.8400,
191.4796, 256.8355

19.2393, 16.8301,
28.7454

240.6795,
234.1912, 310.0351

11.9484, 10.1134,
18.6444

289.2957,
282.8243, 370.1161

6.7805, 5.4742,
11.2394

344.0539,

3.3703, 2.5281,

337.7631, 437.4972

6.1119

405.3194,
399.3922, 512.5967

■ 1.3525, 0.8907,
2.8434

■ 0.2220, 0.0000,
1.0152

■ 76.9409, 72.1593,
104.4806

■ 76.9409, 72.1593,
104.4806

■ 68.0512, 58.9080,
102.3914

■ 87.0001, 87.5091,
106.9133

■ 60.2753, 47.6505,
100.6283

95.0500, 100.0000,
108.9000

■ 53.5618, 38.2863,
99.1747

■ 47.8523, 30.7026,
98.0118

■ 43.0823, 24.7741,
97.1189

■ 39.1789, 20.3589,
96.4724

■ 36.0566, 17.2898,
96.0446

■ 33.6058, 15.3522,
95.7998

■ 33.0058, 14.9300,
95.7499

Harmonies

Analogous

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



71.4845, 72.1593, 114.9224



76.9409, 72.1593, 104.4806



80.2528, 72.1593, 87.7399

Triad

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



76.9409, 72.1593, 104.4806



71.7168, 72.1593, 50.9555



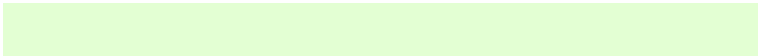
58.0530, 72.1593, 87.0460

Complementary

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



76.9409, 72.1593, 104.4806



79.1982, 92.5549, 75.3223

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.



58.1072, 72.1593, 70.0609



76.9409, 72.1593, 104.4806



65.7655, 72.1593, 50.8258

Square

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



76.9409, 72.1593, 104.4806



77.1194, 72.1593, 57.7250



60.8576, 72.1593, 57.3406



60.7051, 72.1593, 103.9095

Rectangle

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



76.9409, 72.1593, 104.4806



80.6844, 72.1593, 76.0632



60.8576, 72.1593, 57.3406



57.7605, 72.1593, 81.1296

Sweetspot

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



76.9429, 72.1623, 104.4811



89.4314, 91.2644, 107.5100



72.4220, 76.0827, 105.4761



18.9782, 19.2811, 22.9713



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.



76.9429, 72.1623, 104.4811



73.4770, 66.9555, 103.6588



81.6554, 74.6991, 99.8469



18.1146, 17.9508, 22.7601



17.4158, 7.8887, 50.0393



1.8156, 0.8299, 4.8778

Inverse Universe

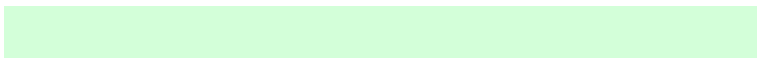
The Inverse Universe completely reimagines the original color for something new.



78.4012, 73.3975, 82.7104



75.2725, 68.4597, 77.5994



75.1332, 90.3727, 79.0417



18.2824, 18.0963, 20.1040



22.6400, 11.5453, 6.7546



2.2546, 1.1442, 0.9222

Previews

White Background



This preview shows how the XYZ color 76.9409, 72.1593, 104.4806 looks on a white background.

Color Contrast Check

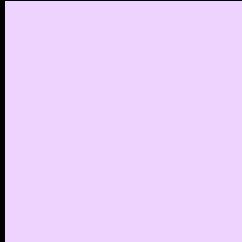
Large Text (above 18pt) WCAG AA × Fail

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 76.9409, 72.1593, 104.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

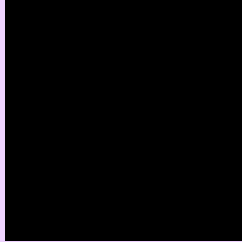
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9409, 72.1593, 104.4806

Background



This preview shows how black text looks on a background with the XYZ color 76.9409, 72.1593, 104.4806.

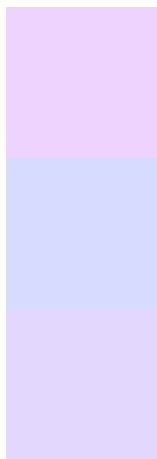


This preview shows how white text looks on a background with the XYZ color 76.9409, 72.1593,

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

76.9409, 72.1593, 104.4806

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.8684, 72.0875, 103.7869



Tritanopia

73.1269, 72.0892, 86.4043

Trichromacy



Original Color

76.9409, 72.1593, 104.4806

Protanomaly

73.0373, 72.0197, 104.6595

Deuteranomaly

74.8910, 72.2378, 103.7620

Tritanomaly

74.3668, 72.2173, 92.4578

Monochromacy



Original Color

76.9409, 72.1593, 104.4806

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6400, 73.3192, 88.9207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9409, 72.1593, 104.4806 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(239, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 255)  
}
```

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(239, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.9409, 72.1593, 104.4806 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(239, 211, 255) }
```


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

```
.border{ border-color:rgb(239, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9409, 72.1593, 104.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 255) }
```

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

```
.background{ background-color: rgb(239,  
211, 255) }
```

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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