

Converting Colors

XYZ(76.2720, 72.2029, 98.1774)

Have a look what the booklet for
XYZ(76.2720, 72.2029, 98.1774)
contains.

XYZ(76.2672, 72.3276, 97.9366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2672, 72.3276,
97.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D4F7
RGB	240, 212, 247
RGB Percent	94%, 83%, 97%
CMY	0.0588, 0.1686, 0.0314
CMYK	0.03, 0.14, 0.00, 0.03
HSL	288°, 69%, 90%
HSV	288°, 14%, 97%
XYZ	76.2672, 72.3276, 97.9366
YIQ	224.3620, 5.4530, 16.8210

Conversions

Conversions Part 2

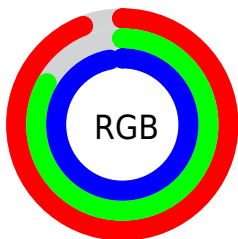
Format	Color
R _Y B	240, 212, 247
Decimal	15783159
CIE Lab	88.13, 15.81, -13.53
CIE LCh	88, 20.808, 319.433
Yxy	72.3276, 0.3094, 0.2934
Android (android.graphics.Color)	4293973239 (0xFFFF0D4F7)
YUV	224.3620, 11.1605, 13.7145
Hunter-Lab	85.0456, 11.2453, -8.7451

Details

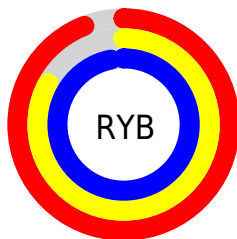
The XYZ color **76.2672, 72.3276, 97.9366** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.3603, 86.3369, 75.0363**, and the grayscale version is **71.0322, 74.7314, 81.3825**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2281, 38.0659, 54.4647** is the 20% darker color. If you saturate the color by 10%, you get **68.9052, 60.0584, 95.9575**, and if you desaturate by 10%, it is **84.6237, 86.5155, 100.2358**.

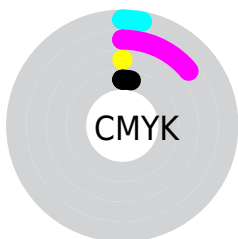
Distribution



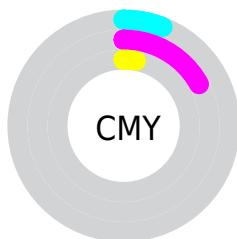
- Red (94%)
- Green (83%)
- Blue (97%)



- Red (94%)
- Yellow (83%)
- Blue (97%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)





- Cyan (6%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2672, 72.3276, 97.9366 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 76.2672, 72.3276, 97.9366 by changing the saturation by 10% instead.


 76.2672, 72.3276,
97.9366

 76.2672, 72.3276,
97.9366


471.1922,
468.6811, 574.7468

 56.9495, 53.4263,
73.9712

127.0829,
122.5222, 160.3458

 41.2046, 38.1432,
54.2738


159.3115,
154.5843, 199.6266

 28.6674, 26.0939,
38.4259

196.5745,
191.8021, 244.8496

 18.9724, 16.8939,
26.0090

239.2372,
234.5601, 296.4334

 11.7542, 10.1589,
16.6046

287.6650,
283.2425, 354.7964

 6.6475, 5.5044,
9.7940

342.2232,

 3.2870, 2.5461,

338.2339, 420.3574

5.1588

403.2771,
399.9186, 493.5346

■ 1.3073, 0.8997,
2.2804

■ 0.1887, 0.0000,
0.7202

■ 76.2672, 72.3276,
97.9366

■ 76.2672, 72.3276,
97.9366

■ 68.9052, 60.0584,
95.9575

■ 84.6237, 86.5155,
100.2358

■ 62.4881, 49.6129,
94.2796

■ 91.9309, 98.5377,
102.1712

■ 56.9715, 40.9019,
92.8889

■ 93.7234, 99.4618,
102.2551

■ 52.3050, 33.8248,
91.7688

■ 93.7887, 99.4955,
102.2581

■ 48.4328, 28.2708,
90.9009

■ 45.2923, 24.1149,
90.2643

■ 42.8107, 21.2124,
89.8348

■ 40.8992, 19.3862,
89.5831

■ 39.9720, 18.6669,
89.4931

Harmonies

Analogous

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



71.9756, 72.3276, 107.5006



76.2672, 72.3276, 97.9366



78.5792, 72.3276, 83.8816

Triad

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



76.2672, 72.3276, 97.9366



70.5136, 72.3276, 54.7845



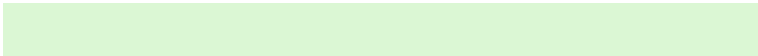
60.1171, 72.3276, 88.2186

Complementary

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



76.2672, 72.3276, 97.9366



74.3603, 86.3369, 75.0363

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.



59.7679, 72.3276, 73.8368



76.2672, 72.3276, 97.9366



65.6130, 72.3276, 55.6492

Square

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



76.2672, 72.3276, 97.9366



75.1527, 72.3276, 59.7289



61.7348, 72.3276, 62.2529



62.7127, 72.3276, 101.4389

Rectangle

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



76.2672, 72.3276, 97.9366



78.6152, 72.3276, 74.3493



61.7348, 72.3276, 62.2529



59.7380, 72.3276, 83.3261

Sweetspot

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



76.2694, 72.3307, 97.9382



91.1354, 93.2790, 107.8090



69.4268, 71.6836, 98.1739



19.3534, 19.7033, 23.0330



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.



76.2694, 72.3307, 97.9382



79.6279, 73.7847, 104.6528



77.2017, 72.9835, 90.2048



16.8700, 16.5911, 20.8558



21.2585, 9.9335, 47.3349



1.9490, 0.9146, 4.1640

Inverse Universe

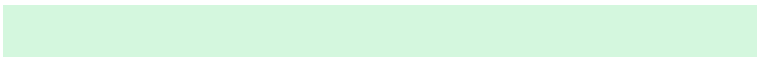
The Inverse Universe completely reimagines the original color for something new.



74.6899, 71.9787, 76.9778



77.6568, 73.3565, 77.9990



73.5883, 85.7899, 81.7322



16.6346, 16.5367, 17.8225



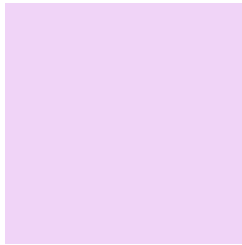
20.6237, 10.5929, 2.7270



1.8477, 0.9450, 0.4243

Previews

White Background



This preview shows how the XYZ color 76.2672, 72.3276, 97.9366 looks on a white background.

Color Contrast Check

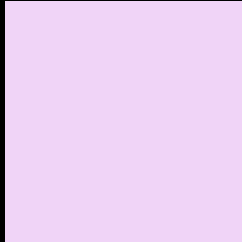
Large Text (above 18pt) WCAG AA × Fail

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 76.2672, 72.3276, 97.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

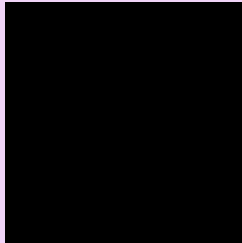
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2672, 72.3276, 97.9366

Background



This preview shows how black text looks on a background with the XYZ color 76.2672, 72.3276, 97.9366.



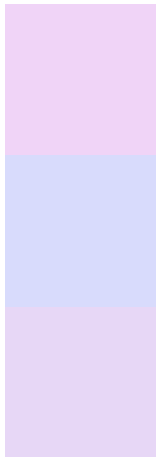
This preview shows how white text looks on a background with the XYZ color 76.2672, 72.3276,

97.9366.

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

76.2672, 72.3276, 97.9366

Protanopia

71.2211, 72.2902, 102.2951

Deuteranopia

73.8900, 72.2436, 97.2388



Tritanopia

73.9841, 72.5475, 85.7050

Trichromacy



Original Color

76.2672, 72.3276, 97.9366

Protanomaly

72.8625, 72.0214, 100.5037

Deuteranomaly

74.6128, 72.2394, 97.1999

Tritanomaly

74.9292, 72.5583, 90.1767

Monochromacy



Original Color

76.2672, 72.3276, 97.9366

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.7918, 73.8356, 86.7591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2672, 72.3276, 97.9366 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(240, 212, 247) looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 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(240, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 76.2672, 72.3276, 97.9366 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(240, 212, 247) }
```


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

```
.border{ border-color:rgb(240, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2672, 72.3276, 97.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 247) }
```

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

```
.background{ background-color: rgb(240,  
212, 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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