

Converting Colors

XYZ(76.2840, 70.6913,
101.1236)

Have a look what the booklet for
XYZ(76.2840, 70.6913, 101.1236)
contains.

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Color

**XYZ(76.2441, 70.7776,
100.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D0FB
RGB	241, 208, 251
RGB Percent	95%, 82%, 98%
CMY	0.0549, 0.1843, 0.0157
CMYK	0.04, 0.17, 0.00, 0.02
HSL	286°, 84%, 90%
HSV	286°, 17%, 98%
XYZ	76.2441, 70.7776, 100.9097
YIQ	222.7690, 5.8650, 20.3690

Conversions

Conversions Part 2

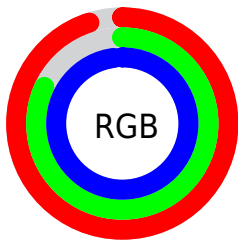
Format	Color
R_{YB}	241, 208, 251
Decimal	15847675
CIE _{Lab}	87.38, 18.99, -16.76
CIE _{LCh}	87, 25.326, 318.571
Yxy	70.7776, 0.3075, 0.2855
Android (android.graphics.Color)	4294037755 (0xFFFF1D0FB)
YUV	222.7690, 13.9179, 15.9886
Hunter-Lab	84.1294, 14.5430, -12.2253

Details

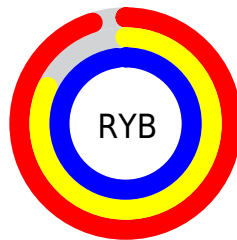
The XYZ color **76.2441, 70.7776, 100.9097** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.7983, 88.4557, 72.8094**, and the grayscale version is **69.8787, 73.5178, 80.0609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1364, 36.9918, 56.0109** is the 20% darker color. If you saturate the color by 10%, you get **68.6420, 58.4832, 98.9384**, and if you desaturate by 10%, it is **84.8827, 85.0477, 103.2099**.

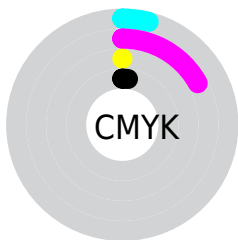
Distribution



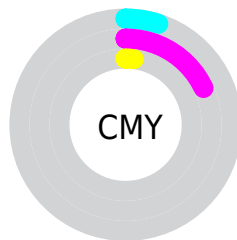
- Red (95%)
- Green (82%)
- Blue (98%)



- Red (95%)
- Yellow (82%)
- Blue (98%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2441, 70.7776, 100.9097 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 76.2441, 70.7776, 100.9097 by changing the saturation by 10% instead.


 76.2441, 70.7776,
100.9097

 76.2441, 70.7776,
100.9097

471.1144,
463.2756, 584.3769

 56.9304, 52.1607,
76.4394


127.0504,
120.3170, 164.4695

 41.1893, 37.1332,
56.2840

159.2738,
152.0083, 204.3961

 28.6554, 25.3106,
40.0252


196.5311,
188.8266, 250.3118

 18.9632, 16.3086,
27.2442

239.1877,
231.1561, 302.6353

 11.7476, 9.7428,
17.5227

287.6090,
279.3814, 361.7850

 6.6430, 5.2288,
10.4420

342.1603,

 3.2842, 2.3821,

333.8868, 428.1794

5.5835

403.2070,
395.0568, 502.2372

■ 1.3058, 0.8167,
2.5289

■ 0.1875, 0.0000,
0.8554

■ 76.2441, 70.7776,
100.9097

■ 76.2441, 70.7776,
100.9097

■ 68.6420, 58.4832,
98.9384

■ 84.8827, 85.0477,
103.2099

■ 62.0239, 48.0643,
97.2761

■ 93.5632, 99.3071,
105.5047

■ 56.3424, 39.4254,
95.9081

■ 94.4128, 99.7451,
105.5445

■ 51.5432, 32.4589,
94.8164

■ 47.5662, 27.0456,
93.9811

■ 44.3432, 23.0500,
93.3798

■ 41.7942, 20.3132,
92.9859

■ 39.8167, 18.6308,
92.7654

■ 39.3099, 18.2535,
92.7192

Harmonies

Analogous

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



70.9917, 70.7776, 112.5879



76.2441, 70.7776, 100.9097



79.1531, 70.7776, 83.7592

Triad

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



76.2441, 70.7776, 100.9097



69.5706, 70.7776, 49.1416



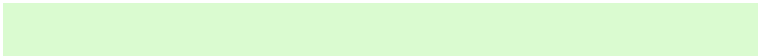
56.9740, 70.7776, 88.0078

Complementary

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



76.2441, 70.7776, 100.9097



74.7983, 88.4557, 72.8094

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.



56.6436, 70.7776, 70.7369



76.2441, 70.7776, 100.9097



63.6845, 70.7776, 49.9305

Square

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



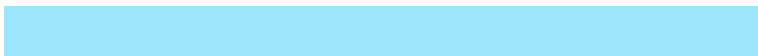
76.2441, 70.7776, 100.9097



75.1510, 70.7776, 54.9648



59.0329, 70.7776, 57.3073



59.9639, 70.7776, 104.4130

Rectangle

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



76.2441, 70.7776, 100.9097



79.2639, 70.7776, 72.2717



59.0329, 70.7776, 57.3073



56.5550, 70.7776, 82.0652

Sweetspot

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



76.2462, 70.7806, 100.9112



90.0341, 91.5751, 107.5382



68.5080, 70.5382, 101.2723



19.1250, 19.3567, 22.9782



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.



76.2462, 70.7806, 100.9112



75.8473, 68.1774, 103.7697



78.0006, 71.8876, 91.8415



17.5753, 17.3092, 21.8000



20.7971, 9.6640, 48.7428



2.0185, 0.9426, 4.5187

Inverse Universe

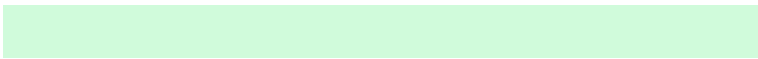
The Inverse Universe completely reimagines the original color for something new.



74.9969, 70.6861, 76.0241



74.3570, 68.0935, 72.7784



73.3598, 87.5452, 80.3749



17.4100, 17.2914, 18.7487



21.3644, 10.9615, 3.3614



2.0177, 1.0308, 0.5164

Previews

White Background



This preview shows how the XYZ color 76.2441, 70.7776, 100.9097 looks on a white background.

Color Contrast Check

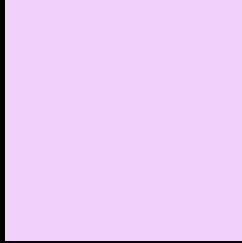
Large Text (above 18pt) WCAG AA × Fail

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 76.2441, 70.7776, 100.9097 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 76.2441, 70.7776, 100.9097

Background



This preview shows how black text looks on a background with the XYZ color 76.2441, 70.7776, 100.9097.



This preview shows how white text looks on a background with the XYZ color 76.2441, 70.7776,

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

76.2441, 70.7776, 100.9097

Protanopia

70.0142, 70.8428, 104.5916

Deuteranopia

72.6659, 71.1640, 100.3486



Tritanopia

72.9462, 70.9213, 83.9732

Trichromacy



Original Color

76.2441, 70.7776, 100.9097

Protanomaly

72.3674, 70.9369, 103.6439

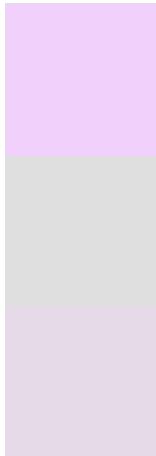
Deuteranomaly

73.7538, 70.9780, 100.2554

Tritanomaly

74.1769, 71.0537, 89.9259

Monochromacy



Original Color

76.2441, 70.7776, 100.9097

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.4125, 72.8490, 87.3355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2441, 70.7776, 100.9097 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, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 251)  
}
```

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, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.2441, 70.7776, 100.9097 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, 208, 251) }
```


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

```
.border{ border-color:rgb(241, 208, 251) }
```

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

Here you see how a box with a 4 pixel rgb(241, 208, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 208,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2441, 70.7776, 100.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 251) }
```

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

```
.background{ background-color: rgb(241,  
208, 251) }
```

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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