

Converting Colors

XYZ(76.7015, 64.0658,
102.7649)

Have a look what the booklet for
XYZ(76.7015, 64.0658, 102.7649)
contains.

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Color

**XYZ(76.9063, 64.2573,
102.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBCFF
RGB	254, 188, 255
RGB Percent	100%, 74%, 100%
CMY	0.0039, 0.2627, 0.0000
CMYK	0.00, 0.26, 0.00, 0.00
HSL	299°, 100%, 87%
HSV	299°, 26%, 100%
XYZ	76.9063, 64.2573, 102.9572
YIQ	215.3720, 17.8290, 34.8290

Conversions

Conversions Part 2

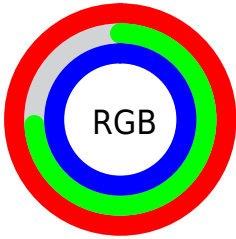
Format	Color
RYB	254, 188, 255
Decimal	16694527
CIELab	84.10, 34.46, -23.72
CIELCh	84, 41.831, 325.458
Yxy	64.2573, 0.3150, 0.2632
Android (android.graphics.Color)	4294884607 (0xFFFEBCFF)
YUV	215.3720, 19.5366, 33.8768
Hunter-Lab	80.1607, 30.9721, -20.0388

Details

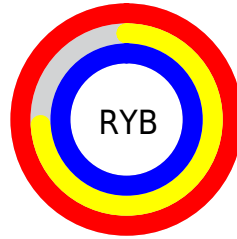
The XYZ color **76.9063, 64.2573, 102.9572** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.8250, 85.9704, 60.7048**, and the grayscale version is **64.7083, 68.0781, 74.1371**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **41.7441, 32.9977, 57.5951** is the 20% darker color. If you saturate the color by 10%, you get **71.7944, 54.2387, 101.2929**, and if you desaturate by 10%, it is **82.9846, 76.2062, 104.9433**.

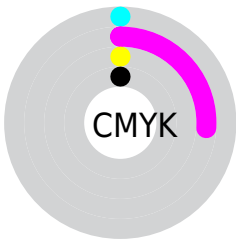
Distribution



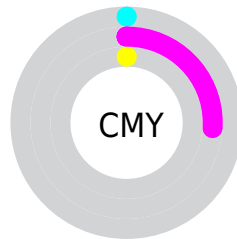
- Red (100%)
- Green (74%)
- Blue (100%)



- Red (100%)
- Yellow (74%)
- Blue (100%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9063, 64.2573, 102.9572 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 76.9063, 64.2573, 102.9572 by changing the saturation by 10% instead.

76.9063, 64.2573,
102.9572

76.9063, 64.2573,
102.9572

473.3413,
440.1182, 590.9601

57.4756, 46.8591,
78.1419

127.9808,
110.9814, 167.3024

41.6289, 32.9243,
57.6734

160.3552,
141.0761, 207.6693

29.0006, 22.0684,
41.1332

197.7751,
176.1718, 254.0572

19.2256, 13.9072,
28.1027

240.6055,
216.6528, 306.8846

11.9384, 8.0562,
18.1634

289.2121,
262.9035, 366.5701

6.7736, 4.1309,
10.8967

343.9600,

3.3660, 1.7471,

315.3084, 433.5321

5.8841

405.2146,
374.2518, 508.1893

■ 1.3501, 0.4538,
2.7071

■ 0.2203, 0.0000,
0.9470

■ 76.9063, 64.2573,
102.9572

■ 76.9063, 64.2573,
102.9572

■ 71.7944, 54.2387,
101.2929

■ 82.9846, 76.2062,
104.9433

■ 67.5926, 46.0410,
99.9320

■ 90.0705, 90.1712,
107.2653

■ 64.2475, 39.5563,
98.8567

95.0500, 100.0000,
108.9000

■ 61.6979, 34.6620,
98.0463

■ 59.8743, 31.2194,
97.4780

■ 58.6955, 29.0660,
97.1244

■ 58.0602, 27.9992,
96.9520

■ 57.9059, 27.7665,
96.9152

Harmonies

Analogous

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



69.0329, 64.2573, 126.6848



76.9063, 64.2573, 102.9572



80.5490, 64.2573, 74.0719

Triad

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



76.9063, 64.2573, 102.9572



62.4922, 64.2573, 30.5177



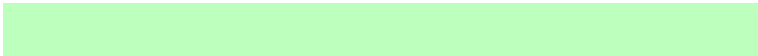
46.3988, 64.2573, 94.1906

Complementary

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



76.9063, 64.2573, 102.9572



65.8250, 85.9704, 60.7048

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.



45.0231, 64.2573, 66.0133



76.9063, 64.2573, 102.9572



53.7528, 64.2573, 33.3503

Square

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



76.9063, 64.2573, 102.9572



71.7107, 64.2573, 35.8696



47.5800, 64.2573, 44.9020



51.5460, 64.2573, 120.7934

Rectangle

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



76.9063, 64.2573, 102.9572



79.8454, 64.2573, 57.2630



47.5800, 64.2573, 44.9020



45.5036, 64.2573, 84.4194

Sweetspot

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



76.9081, 64.2600, 102.9577



88.7722, 87.6103, 106.8394



57.0144, 54.3599, 102.0953



18.7644, 18.2858, 22.7905



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.



76.9081, 64.2600, 102.9577



73.8645, 58.2909, 101.9659



72.4925, 62.5361, 77.7932



18.7644, 18.2858, 22.7905



30.2693, 14.5149, 50.6409



2.9555, 1.4175, 4.9311

Inverse Universe

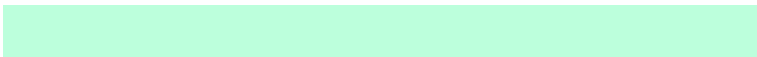
The Inverse Universe completely reimagines the original color for something new.



68.4102, 60.9032, 56.2962



63.9606, 54.3809, 47.4854



69.4699, 87.3999, 81.1871



18.0204, 17.9915, 18.7245



21.5644, 11.1151, 1.0907



2.1033, 1.0837, 0.1256

Previews

White Background



This preview shows how the XYZ color 76.9063, 64.2573, 102.9572 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 76.9063, 64.2573, 102.9572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

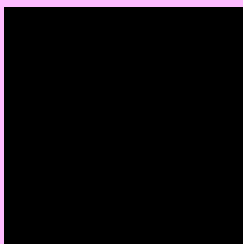
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9063, 64.2573, 102.9572

Background



This preview shows how black text looks on a background with the XYZ color 76.9063, 64.2573, 102.9572.



This preview shows how white text looks on a background with the XYZ color 76.9063, 64.2573,

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

76.9063, 64.2573, 102.9572

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

65.9804, 64.3926, 101.0469



Tritanopia

70.2092, 64.1395, 70.3077

Trichromacy



Original Color

76.9063, 64.2573, 102.9572



Protanomaly

68.1501, 64.0534, 103.3794



Deuteranomaly

69.5171, 64.1074, 101.6385



Tritanomaly

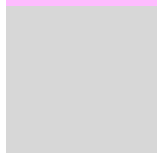
72.3594, 64.0100, 81.2144

Monochromacy



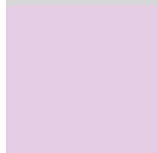
Original Color

76.9063, 64.2573, 102.9572



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

68.4273, 66.0338, 84.0022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9063, 64.2573, 102.9572 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(254, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 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(254, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.9063, 64.2573, 102.9572 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(254, 188, 255) }
```


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

```
.border{ border-color:rgb(254, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9063, 64.2573, 102.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 255) }
```

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

```
.background{ background-color: rgb(254,  
188, 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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