

Converting Colors

XYZ(70.7460, 62.1645,
119.3498)

Have a look what the booklet for
XYZ(70.7460, 62.1645, 119.3498)
contains.

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Color

**XYZ(67.6401, 60.7666,
102.7718)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E0C0FF |
| RGB | 224, 192, 255 |
| RGB Percent | 88%, 75%, 100% |
| CMY | 0.1216, 0.2470, 0.0000 |
| CMYK | 0.12, 0.25, 0.00, 0.00 |
| HSL | 270°, 100%, 88% |
| HSV | 270°, 25%, 100% |
| XYZ | 67.6401, 60.7666, 102.7718 |
| YIQ | 208.7500, -1.1510, 26.3770 |

Conversions

Conversions Part 2

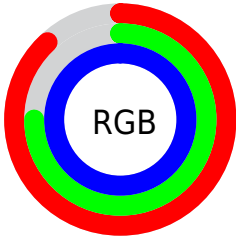
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 224, 192, 255 |
| Decimal | 14729471 |
| CIE _{Lab} | 82.25, 22.90, -26.78 |
| CIE _{LCh} | 82, 35.237, 310.525 |
| Yxy | 60.7666, 0.2926, 0.2629 |
| Android (android.graphics.Color) | 4292919551 (0xFFE0C0FF) |
| YUV | 208.7500, 22.8012, 13.3742 |
| Hunter-Lab | 77.9529, 18.4676, -23.5999 |

Details

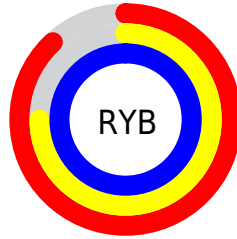
The XYZ color **67.6401, 60.7666, 102.7718** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.7072, 91.0144, 63.4494**, and the grayscale version is **60.2998, 63.4401, 69.0863**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **35.4300, 30.5790, 57.4611** is the 20% darker color. If you saturate the color by 10%, you get **58.7726, 48.5925, 100.8894**, and if you desaturate by 10%, it is **77.7682, 75.0335, 104.9918**.

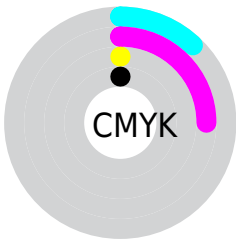
Distribution



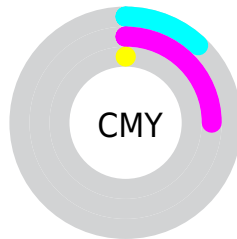
- Red (88%)
- Green (75%)
- Blue (100%)



- Red (88%)
- Yellow (75%)
- Blue (100%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6401, 60.7666, 102.7718 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 67.6401, 60.7666, 102.7718 by changing the saturation by 10% instead.

67.6401, 60.7666,
102.7718

67.6401, 60.7666,
102.7718

441.6166,
427.4177, 590.3656

49.8776, 44.0368,
77.9877

114.8819,
105.9409, 167.0461

35.5336, 30.6995,
57.5474

145.0919,
135.1543, 207.3733

24.2426, 20.3701,
41.0326

180.1817,
169.2976, 253.7186

15.6394, 12.6644,
28.0247

220.5168,
208.7553, 306.5006

9.3586, 7.1978,
18.1051

266.4625,
253.9117, 366.1377

5.0348, 3.5861,
10.8552

318.3841,

2.3026, 1.4449,

305.1514, 433.0486

5.8566

376.6470,
362.8586, 507.6517

■ 0.7960, 0.2494,
2.6907

■ 0.0000, 0.0000,
0.9388

■ 67.6401, 60.7666,
102.7718

■ 67.6401, 60.7666,
102.7718

■ 58.7726, 48.5925,
100.8894

■ 77.7682, 75.0335,
104.9918

■ 51.1041, 38.4006,
99.3263

■ 89.2038, 91.4818,
107.5640

■ 44.5755, 30.0811,
98.0646

95.0500, 100.0000,
108.9000

■ 39.1201, 23.5102,
97.0838

■ 34.6631, 18.5485,
96.3610

■ 31.1183, 15.0342,
95.8695

■ 28.3812, 12.7693,
95.5766

■ 27.1829, 11.9282,
95.4774

Harmonies

Analogous

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



60.4306, 60.7666, 115.6253



67.6401, 60.7666, 102.7718



72.4427, 60.7666, 80.9060

Triad

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



67.6401, 60.7666, 102.7718



62.6977, 60.7666, 34.3732



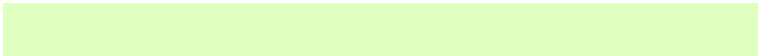
44.7107, 60.7666, 73.9969

Complementary

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



67.6401, 60.7666, 102.7718



75.7072, 91.0144, 63.4494

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.



45.2033, 60.7666, 53.3321



67.6401, 60.7666, 102.7718



55.1631, 60.7666, 33.3069

Square

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



67.6401, 60.7666, 102.7718



69.4228, 60.7666, 42.7989



48.8865, 60.7666, 39.4813



47.4770, 60.7666, 96.7823

Rectangle

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



67.6401, 60.7666, 102.7718



73.4055, 60.7666, 65.7866



48.8865, 60.7666, 39.4813



44.5070, 60.7666, 66.5439

Sweetspot

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



67.6419, 60.7691, 102.7722



86.4597, 87.5073, 106.9414



66.3116, 71.4714, 104.9081



18.3541, 18.5108, 22.8555



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.



67.6419, 60.7691, 102.7722



62.7915, 54.0666, 101.7342



78.1407, 66.1814, 103.2636



17.8826, 17.8312, 22.7492



14.3764, 6.3218, 49.8971



1.5259, 0.6805, 4.8642

Inverse Universe

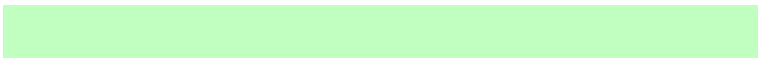
The Inverse Universe completely reimagines the original color for something new.



73.4104, 64.2893, 78.3539



69.6733, 58.2654, 72.6370



67.0144, 86.5331, 63.0425



18.3820, 18.1361, 20.6286



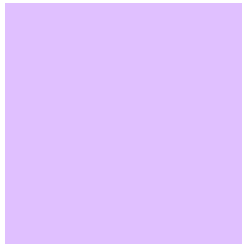
23.5740, 11.9189, 11.6731



2.3503, 1.1825, 1.4264

Previews

White Background



This preview shows how the XYZ color 67.6401, 60.7666, 102.7718 looks on a white background.

Color Contrast Check

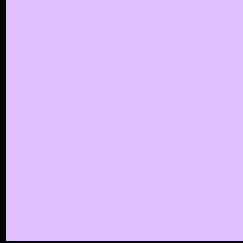
Large Text (above 18pt) WCAG AA × Fail

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 67.6401, 60.7666, 102.7718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

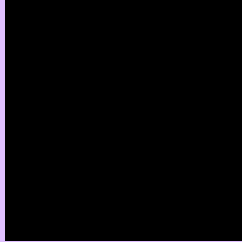
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6401, 60.7666, 102.7718

Background



This preview shows how black text looks on a background with the XYZ color 67.6401, 60.7666, 102.7718.

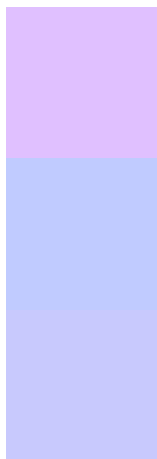


This preview shows how white text looks on a background with the XYZ color 67.6401, 60.7666,

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

67.6401, 60.7666, 102.7718

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.4357, 61.1445, 101.4399



Tritanopia

61.6026, 60.6586, 72.7514

Trichromacy



Original Color

67.6401, 60.7666, 102.7718

Protanomaly

63.3753, 60.9042, 103.0232

Deuteranomaly

64.3780, 61.0992, 102.1662

Tritanomaly

63.5381, 60.4087, 83.1741

Monochromacy



Original Color

67.6401, 60.7666, 102.7718

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.8150, 62.4990, 80.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6401, 60.7666, 102.7718 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(224, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 192, 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(224, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.6401, 60.7666, 102.7718 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(224, 192, 255) }
```


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

```
.border{ border-color:rgb(224, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6401, 60.7666, 102.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 192, 255) }
```

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

```
.background{ background-color: rgb(224,  
192, 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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