

Converting Colors

XYZ(74.4632, 67.3053,
103.6743)

Have a look what the booklet for
XYZ(74.4632, 67.3053, 103.6743)
contains.

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Color

**XYZ(74.5332, 67.3440,
103.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC9FF
RGB	239, 201, 255
RGB Percent	94%, 79%, 100%
CMY	0.0627, 0.2117, 0.0000
CMYK	0.06, 0.21, 0.00, 0.00
HSL	282°, 100%, 89%
HSV	282°, 21%, 100%
XYZ	74.5332, 67.3440, 103.6781
YIQ	218.5180, 5.3140, 24.8500

Conversions

Conversions Part 2

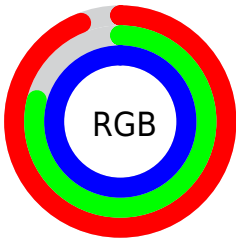
Format	Color
R _Y B	239, 201, 255
Decimal	15714815
CIE Lab	85.68, 22.81, -21.46
CIE LCh	86, 31.317, 316.757
Yxy	67.3440, 0.3035, 0.2743
Android (android.graphics.Color)	4293904895 (0xFFEFC9FF)
YUV	218.5180, 17.9856, 17.9627
Hunter-Lab	82.0634, 18.5098, -17.4620

Details

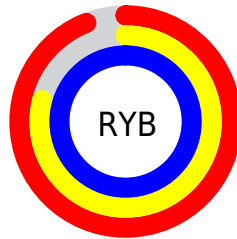
The XYZ color **74.5332, 67.3440, 103.6781** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.9196, 90.4895, 68.7792**, and the grayscale version is **66.8769, 70.3597, 76.6217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1552, 35.0119, 58.0677** is the 20% darker color. If you saturate the color by 10%, you get **66.5778, 55.1403, 101.7419**, and if you desaturate by 10%, it is **83.5858, 81.5817, 105.9491**.

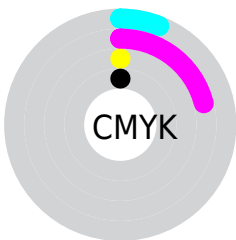
Distribution



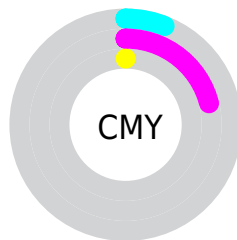
- Red (94%)
- Green (79%)
- Blue (100%)



- Red (94%)
- Yellow (79%)
- Blue (100%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5332, 67.3440, 103.6781 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 74.5332, 67.3440, 103.6781 by changing the saturation by 10% instead.

74.5332, 67.3440,
103.6781

74.5332, 67.3440,
103.6781

465.3335,
451.1683, 593.2688

55.5234, 49.3642,
78.7419

124.6428,
115.4132, 168.2984

40.0564, 34.9085,
58.1635

156.4733,
146.2714, 208.8196

27.7669, 23.5924,
41.5246

193.3081,
182.1912, 255.3728

18.2896, 15.0315,
28.4064

235.5125,
223.5571, 308.3767

11.2591, 8.8415,
18.3905

283.4519,
270.7533, 368.2496

6.3099, 4.6380,
11.0584

337.4916,

3.0769, 2.0364,

324.1643, 435.4103

5.9915

397.9970,
384.1745, 510.2772

■ 1.1946, 0.6285,
2.7712

■ 0.1021, 0.0000,
0.9790

■ 74.5332, 67.3440,
103.6781

■ 74.5332, 67.3440,
103.6781

■ 66.5778, 55.1403,
101.7419

■ 83.5858, 81.5817,
105.9491

■ 59.6639, 44.8643,
100.1228

■ 93.7764, 97.9362,
108.5688

■ 53.7393, 36.4124,
98.8037

95.0500, 100.0000,
108.9000

■ 48.7446, 29.6679,
97.7651

■ 44.6137, 24.5004,
96.9854

■ 41.2705, 20.7599,
96.4396

■ 38.6240, 18.2667,
96.0979

■ 36.7435, 16.8569,
95.9248

Harmonies

Analogous

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



68.0465, 67.3440, 117.7585



74.5332, 67.3440, 103.6781



78.3156, 67.3440, 82.7021

Triad

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



74.5332, 67.3440, 103.6781



67.2036, 67.3440, 41.3401



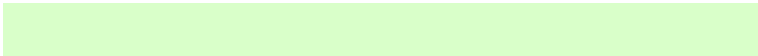
51.7481, 67.3440, 85.2494

Complementary

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



74.5332, 67.3440, 103.6781



74.9196, 90.4895, 68.7792

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.



51.5594, 67.3440, 64.6870



74.5332, 67.3440, 103.6781



60.1334, 67.3440, 41.7671

Square

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



74.5332, 67.3440, 103.6781



73.8767, 67.3440, 48.2636



54.5243, 67.3440, 49.5642



55.0606, 67.3440, 105.8391

Rectangle

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



74.5332, 67.3440, 103.6781



78.6244, 67.3440, 68.7992



54.5243, 67.3440, 49.5642



51.3263, 67.3440, 78.0475

Sweetspot

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



74.5351, 67.3468, 103.6785



88.7137, 89.7740, 107.2601



67.0042, 69.3690, 104.4658



18.8462, 18.9872, 22.9215



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.



74.5351, 67.3468, 103.6785



71.3644, 62.4427, 102.8991



78.4876, 69.5796, 95.0416



18.2378, 18.0143, 22.7658



19.3564, 8.8891, 50.1302



1.9944, 0.9221, 4.8861

Inverse Universe

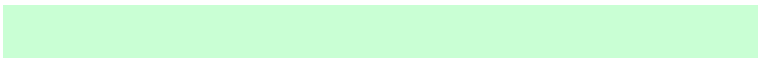
The Inverse Universe completely reimagines the original color for something new.



74.6527, 68.0457, 74.8475



71.5755, 63.2908, 69.5073



71.7078, 88.6818, 75.4959



18.2308, 18.0756, 19.8325



22.2790, 11.4009, 4.8537



2.2147, 1.1283, 0.7122

Previews

White Background



This preview shows how the XYZ color 74.5332, 67.3440, 103.6781 looks on a white background.

Color Contrast Check

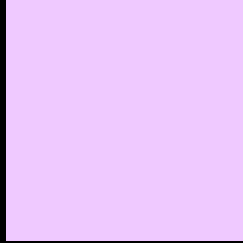
Large Text (above 18pt) WCAG AA × Fail

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 74.5332, 67.3440, 103.6781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

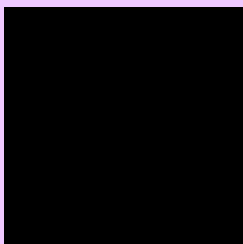
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5332, 67.3440, 103.6781

Background



This preview shows how black text looks on a background with the XYZ color 74.5332, 67.3440, 103.6781.



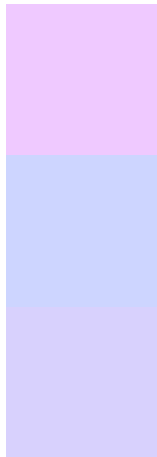
This preview shows how white text looks on a background with the XYZ color 74.5332, 67.3440,

103.6781.

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

74.5332, 67.3440, 103.6781

Protanopia

67.0211, 67.7876, 104.1597

Deuteranopia

68.8490, 67.2917, 102.2884



Tritanopia

69.5638, 67.4458, 79.1640

Trichromacy



Original Color

74.5332, 67.3440, 103.6781

Protanomaly

69.4657, 67.5726, 103.9893

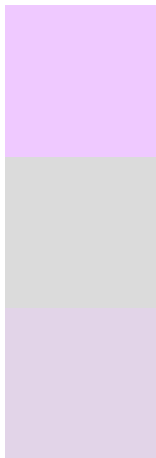
Deuteranomaly

70.7012, 67.1457, 103.0000

Tritanomaly

71.4188, 67.4937, 87.8607

Monochromacy



Original Color

74.5332, 67.3440, 103.6781

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.4730, 69.0819, 86.0165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5332, 67.3440, 103.6781 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.5332, 67.3440, 103.6781 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, 201, 255) }
```


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

```
.border{ border-color:rgb(239, 201, 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, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5332, 67.3440, 103.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 255) }
```

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

```
.background{ background-color: rgb(239,  
201, 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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