

Converting Colors

XYZ(79.4706, 71.3203,
128.5913)

Have a look what the booklet for
XYZ(79.4706, 71.3203, 128.5913)
contains.

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Color

**XYZ(74.9549, 69.6785,
104.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCFFF
RGB	236, 207, 255
RGB Percent	93%, 81%, 100%
CMY	0.0745, 0.1882, 0.0000
CMYK	0.07, 0.19, 0.00, 0.00
HSL	276°, 100%, 91%
HSV	276°, 19%, 100%
XYZ	74.9549, 69.6785, 104.1065
YIQ	221.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

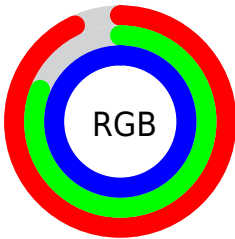
Format	Color
R _Y B	236, 207, 255
Decimal	15519743
CIE Lab	86.84, 18.67, -19.72
CIE LCh	87, 27.161, 313.435
Yxy	69.6785, 0.3013, 0.2801
Android (android.graphics.Color)	4293709823 (0xFFECCFFF)
YUV	221.1430, 16.6915, 13.0296
Hunter-Lab	83.4736, 14.2046, -15.5136

Details

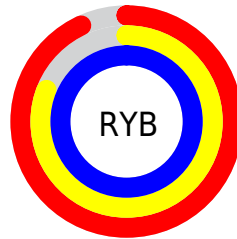
The XYZ color **74.9549, 69.6785, 104.1065** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.3881, 92.1945, 72.6986**, and the grayscale version is **68.7149, 72.2935, 78.7276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4067, 36.5630, 58.3538** is the 20% darker color. If you saturate the color by 10%, you get **66.0121, 56.6275, 102.0587**, and if you desaturate by 10%, it is **85.0887, 84.8282, 106.4966**.

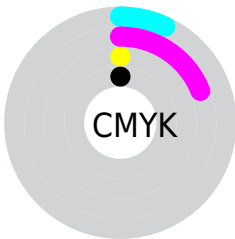
Distribution



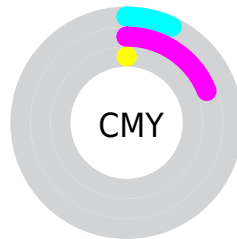
- Red (93%)
- Green (81%)
- Blue (100%)



- Red (93%)
- Yellow (81%)
- Blue (100%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9549, 69.6785, 104.1065 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 74.9549, 69.6785, 104.1065 by changing the saturation by 10% instead.

74.9549, 69.6785,
104.1065

74.9549, 69.6785,
104.1065

466.7621,
459.4204, 594.6385

55.8700, 51.2645,
79.0985

125.2368,
118.7502, 168.8900

40.3353, 36.4191,
58.4550

157.1644,
150.1766, 209.5026

27.9854, 24.7581,
41.7575

194.1037,
186.7093, 256.1539

18.4551, 15.8969,
28.5873

236.4200,
228.7326, 309.2623

11.3789, 9.4512,
18.5259

284.4786,
276.6310, 369.2465

6.3914, 5.0367,
11.1549

338.6450,

3.1274, 2.2688,

330.7888, 436.5248

6.0556

399.2843,
391.5905, 511.5160

■ 1.2215, 0.7571,
2.8096

■ 0.1232, 0.0000,
0.9983

■ 74.9549, 69.6785,
104.1065

■ 74.9549, 69.6785,
104.1065

■ 66.0121, 56.6275,
102.0587

■ 85.0887, 84.8282,
106.4966

■ 58.2035, 45.5694,
100.3359

95.0500, 100.0000,
108.9000

■ 51.4762, 36.4019,
98.9209

■ 45.7702, 29.0100,
97.7949

■ 41.0191, 23.2659,
96.9366

■ 37.1474, 19.0237,
96.3218

■ 34.0664, 16.1111,
95.9220

■ 31.6486, 14.2788,
95.6958

■ 31.3883, 14.0962,
95.6742

Harmonies

Analogous

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



69.0963, 69.6785, 115.0829



74.9549, 69.6785, 104.1065



78.5948, 69.6785, 86.2488

Triad

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



74.9549, 69.6785, 104.1065



69.7592, 69.6785, 47.1162



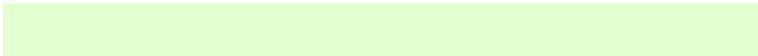
55.0781, 69.6785, 84.2605

Complementary

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



74.9549, 69.6785, 104.1065



78.3881, 92.1945, 72.6986

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.



55.2305, 69.6785, 66.3556



74.9549, 69.6785, 104.1065



63.4389, 69.6785, 46.7583

Square

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



74.9549, 69.6785, 104.1065



75.4667, 69.6785, 54.3329



58.2050, 69.6785, 53.2621



57.7746, 69.6785, 102.4524

Rectangle

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



74.9549, 69.6785, 104.1065



79.1379, 69.6785, 73.7982



58.2050, 69.6785, 53.2621



54.8033, 69.6785, 77.9762

Sweetspot

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



74.9568, 69.6814, 104.1069



88.1687, 89.4931, 107.2346



71.0352, 74.9894, 105.3382



18.7172, 18.9207, 22.9155



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.



74.9568, 69.6814, 104.1069



71.0777, 63.9777, 103.2105



80.8409, 72.8029, 100.3990



18.0561, 17.9206, 22.7573



16.5739, 7.4546, 49.9999



1.7368, 0.7893, 4.8741

Inverse Universe

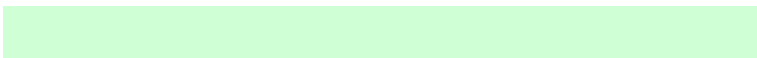
The Inverse Universe completely reimagines the original color for something new.



77.2820, 71.3793, 81.6581



73.9198, 66.0423, 76.2603



73.3526, 89.5298, 75.5731



18.3072, 18.1062, 20.2347



22.8430, 11.6265, 7.8237



2.2761, 1.1528, 1.0356

Previews

White Background



This preview shows how the XYZ color 74.9549, 69.6785, 104.1065 looks on a white background.

Color Contrast Check

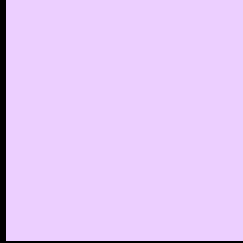
Large Text (above 18pt) WCAG AA × Fail

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 74.9549, 69.6785, 104.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

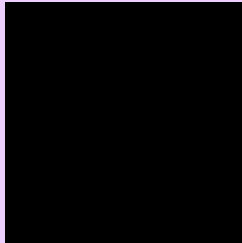
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

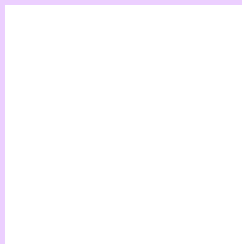
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9549, 69.6785, 104.1065

Background



This preview shows how black text looks on a background with the XYZ color 74.9549, 69.6785, 104.1065.

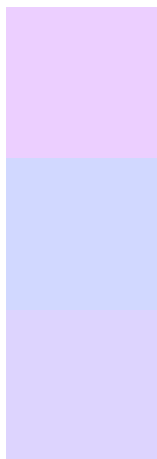


This preview shows how white text looks on a background with the XYZ color 74.9549, 69.6785,

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

74.9549, 69.6785, 104.1065

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

71.2517, 69.6149, 103.4476



Tritanopia

70.8258, 69.8442, 83.1471

Trichromacy



Original Color

74.9549, 69.6785, 104.1065

Protanomaly

71.0577, 69.8686, 104.3486

Deuteranomaly

72.3000, 69.4177, 103.3543

Tritanomaly

72.0835, 69.5899, 90.5219

Monochromacy



Original Color

74.9549, 69.6785, 104.1065

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6279, 71.1637, 87.1043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9549, 69.6785, 104.1065 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(236, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 207, 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(236, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9549, 69.6785, 104.1065 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(236, 207, 255) }
```


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

```
.border{ border-color:rgb(236, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(236, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9549, 69.6785, 104.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 207, 255) }
```

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

```
.background{ background-color: rgb(236,  
207, 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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