

Converting Colors

XYZ(74.1067, 69.9452,
104.2062)

Have a look what the booklet for
XYZ(74.1067, 69.9452, 104.2062)
contains.

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Color

**XYZ(74.1292, 69.9767,
104.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D1FF
RGB	232, 209, 255
RGB Percent	91%, 82%, 100%
CMY	0.0902, 0.1804, 0.0000
CMYK	0.09, 0.18, 0.00, 0.00
HSL	270°, 100%, 91%
HSV	270°, 18%, 100%
XYZ	74.1292, 69.9767, 104.2076
YIQ	221.1210, -1.0580, 19.1820

Conversions

Conversions Part 2

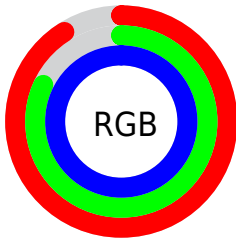
Format	Color
R _Y B	232, 209, 255
Decimal	15258111
CIE Lab	86.99, 16.34, -19.53
CIE LCh	87, 25.467, 309.912
Yxy	69.9767, 0.2985, 0.2818
Android (android.graphics.Color)	4293448191 (0xFFE8D1FF)
YUV	221.1210, 16.7023, 9.5409
Hunter-Lab	83.6521, 11.7886, -15.3027

Details

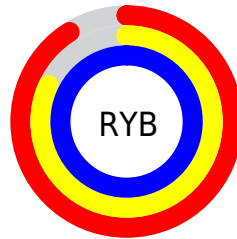
The XYZ color **74.1292, 69.9767, 104.2076** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5489, 93.2800, 74.0843**, and the grayscale version is **68.7009, 72.2787, 78.7115**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8189, 36.7500, 58.4209** is the 20% darker color. If you saturate the color by 10%, you get **64.3772, 56.3949, 102.1000**, and if you desaturate by 10%, it is **85.1867, 85.7216, 106.6638**.

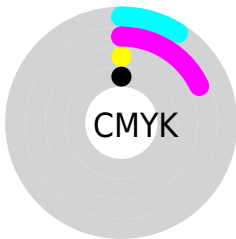
Distribution



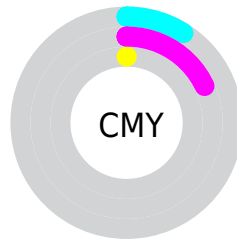
- Red (91%)
- Green (82%)
- Blue (100%)



- Red (91%)
- Yellow (82%)
- Blue (100%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1292, 69.9767, 104.2076 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 74.1292, 69.9767, 104.2076 by changing the saturation by 10% instead.

74.1292, 69.9767,
104.2076

74.1292, 69.9767,
104.2076

463.9626,
460.4682, 594.9615

55.1914, 51.5075,
79.1827

124.0735,
119.1755, 169.0296

39.7895, 36.6127,
58.5238

155.8107,
150.6740, 209.6638

27.5579, 24.9078,
41.8124

192.5451,
187.2843, 256.3381

18.1314, 16.0083,
28.6300

234.6421,
229.3910, 309.4712

11.1446, 9.5301,
18.5579

282.4669,
277.3783, 369.4816

6.2322, 5.0885,
11.1777

336.3851,

3.0288, 2.2993,

331.6306, 436.7877

6.0708

396.7618,
392.5325, 511.8082

■ 1.1690, 0.7733,
2.8187

■ 0.0817, 0.0000,
1.0028

■ 74.1292, 69.9767,
104.2076

■ 74.1292, 69.9767,
104.2076

■ 64.3772, 56.3949,
102.1000

■ 85.1867, 85.7216,
106.6638

■ 55.8709, 44.8692,
100.3236

95.0500, 100.0000,
108.9000

■ 48.5544, 35.2964,
98.8615

■ 42.3647, 27.5604,
97.6946

■ 37.2322, 21.5327,
96.8016

■ 33.0784, 17.0671,
96.1586

■ 29.8118, 13.9918,
95.7372

■ 27.3104, 12.0746,
95.4989

■ 26.8768, 11.7704,
95.4631

Harmonies

Analogous

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



68.5007, 69.9767, 113.2658



74.1292, 69.9767, 104.2076



77.8515, 69.9767, 88.0170

Triad

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



74.1292, 69.9767, 104.2076



70.5206, 69.9767, 49.3639



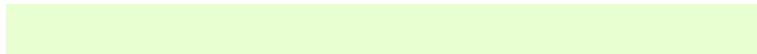
55.8595, 69.9767, 81.9765

Complementary

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



74.1292, 69.9767, 104.2076



80.5489, 93.2800, 74.0843

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.



56.3286, 69.9767, 65.4779



74.1292, 69.9767, 104.2076



64.5597, 69.9767, 48.2455

Square

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



74.1292, 69.9767, 104.2076



75.6834, 69.9767, 57.0342



59.4330, 69.9767, 53.7109



58.1109, 69.9767, 99.2227

Rectangle

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



74.1292, 69.9767, 104.2076



78.6275, 69.9767, 76.2432



59.4330, 69.9767, 53.7109



55.7075, 69.9767, 76.1423

Sweetspot

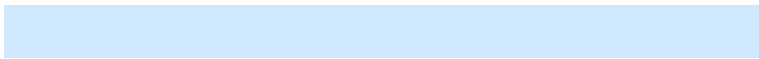
The Sweet Spot groups the original color and five complimentary colors.



74.1311, 69.9796, 104.2080



88.8099, 90.9441, 107.4809



73.4195, 78.9232, 105.9718



18.8272, 19.2032, 22.9642



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.



74.1311, 69.9796, 104.2080



70.1131, 64.3436, 103.3319



81.8102, 73.9383, 104.5674



17.8684, 17.8239, 22.7485



14.2159, 6.2390, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

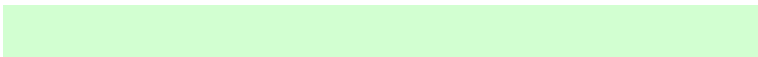
The Inverse Universe completely reimagines the original color for something new.



78.6076, 72.6897, 86.2334



75.4987, 67.6042, 81.7068



73.7826, 89.7918, 73.7677



18.3882, 18.1386, 20.6613



23.6429, 11.9465, 12.0361



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 74.1292, 69.9767, 104.2076 looks on a white background.

Color Contrast Check

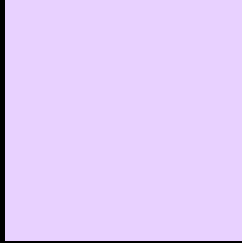
Large Text (above 18pt) WCAG AA × Fail

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 74.1292, 69.9767, 104.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

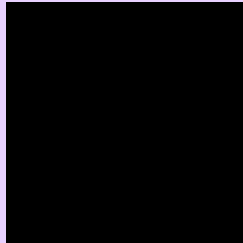
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1292, 69.9767, 104.2076

Background



This preview shows how black text looks on a background with the XYZ color 74.1292, 69.9767, 104.2076.

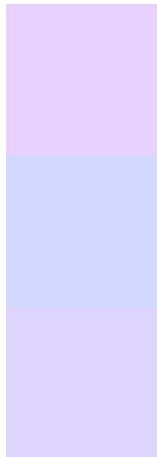


This preview shows how white text looks on a background with the XYZ color 74.1292, 69.9767,

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

74.1292, 69.9767, 104.2076

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

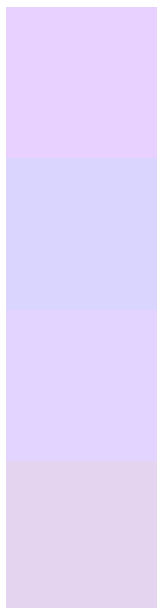
71.8078, 70.2739, 103.5455



Tritanopia

70.0721, 69.7957, 84.6416

Trichromacy



Original Color

74.1292, 69.9767, 104.2076

Protanomaly

70.7577, 69.7139, 104.3345

Deuteranomaly

72.7969, 70.4115, 103.5199

Tritanomaly

71.4366, 69.9770, 91.4031

Monochromacy



Original Color

74.1292, 69.9767, 104.2076

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5722, 71.5165, 87.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1292, 69.9767, 104.2076 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(232, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 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(232, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1292, 69.9767, 104.2076 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(232, 209, 255) }
```


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

```
.border{ border-color:rgb(232, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1292, 69.9767, 104.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 255) }
```

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

```
.background{ background-color: rgb(232,  
209, 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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