

Converting Colors

XYZ(74.7966, 71.1309,
104.3952)

Have a look what the booklet for
XYZ(74.7966, 71.1309, 104.3952)
contains.

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Color

**XYZ(74.6230, 70.9643,
104.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D3FF
RGB	232, 211, 255
RGB Percent	91%, 83%, 100%
CMY	0.0902, 0.1725, 0.0000
CMYK	0.09, 0.17, 0.00, 0.00
HSL	269°, 100%, 91%
HSV	269°, 17%, 100%
XYZ	74.6230, 70.9643, 104.3722
YIQ	222.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

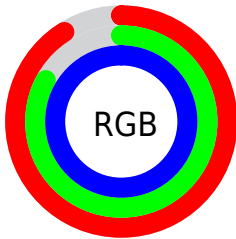
Format	Color
R _Y B	232, 211, 255
Decimal	15258623
CIE Lab	87.47, 15.28, -18.81
CIE LCh	87, 24.232, 309.095
Yxy	70.9643, 0.2985, 0.2839
Android (android.graphics.Color)	4293448703 (0xFFE8D3FF)
YUV	222.2950, 16.1236, 8.5113
Hunter-Lab	84.2403, 10.7010, -14.4910

Details

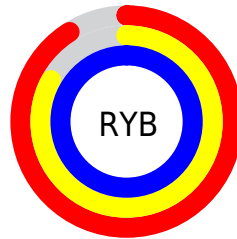
The XYZ color **74.6230, 70.9643, 104.3722** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4511, 93.7163, 75.4274**, and the grayscale version is **69.5317, 73.1528, 79.6634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9860, 37.0843, 58.4766** is the 20% darker color. If you saturate the color by 10%, you get **64.6198, 57.1389, 102.2308**, and if you desaturate by 10%, it is **85.9632, 86.9744, 106.8647**.

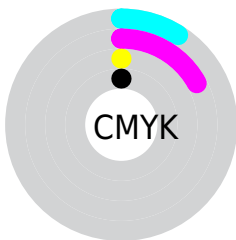
Distribution



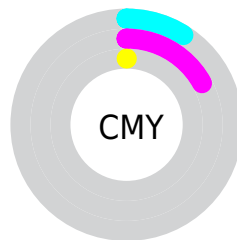
- Red (91%)
- Green (83%)
- Blue (100%)



- Red (91%)
- Yellow (83%)
- Blue (100%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6230, 70.9643, 104.3722 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 74.6230, 70.9643, 104.3722 by changing the saturation by 10% instead.

74.6230, 70.9643,
104.3722

74.6230, 70.9643,
104.3722

465.6379,
463.9286, 595.4872

55.5972, 52.3131,
79.3198

124.7693,
120.5829, 169.2568

40.1158, 37.2547,
58.6359

156.6205,
152.3190, 209.9261

27.8134, 25.4047,
41.9020

193.4776,
189.1856, 256.6380

18.3248, 16.3789,
28.6996

235.7058,
231.5670, 309.8112

11.2845, 9.7926,
18.6100

283.6707,
279.8476, 369.8642

6.3273, 5.2617,
11.2149

337.7374,

3.0876, 2.4016,

334.4118, 437.2155

6.0956

398.2713,
395.6440, 512.2837

■ 1.2003, 0.8267,
2.8336

■ 0.1066, 0.0000,
1.0103

■ 74.6230, 70.9643,
104.3722

■ 74.6230, 70.9643,
104.3722

■ 64.6198, 57.1389,
102.2308

■ 85.9632, 86.9744,
106.8647

■ 55.8932, 45.3913,
100.4232

95.0500, 100.0000,
108.9000

■ 48.3866, 35.6183,
98.9325

■ 42.0364, 27.7043,
97.7397

■ 36.7727, 21.5214,
96.8236

■ 32.5166, 16.9243,
96.1606

■ 29.1766, 13.7431,
95.7226

■ 26.6367, 11.7595,
95.4736

■ 26.0340, 11.3359,
95.4236

Harmonies

Analogous

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



69.2024, 70.9643, 112.7164



74.6230, 70.9643, 104.3722



78.2504, 70.9643, 89.0566

Triad

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



74.6230, 70.9643, 104.3722



71.4490, 70.9643, 51.4279



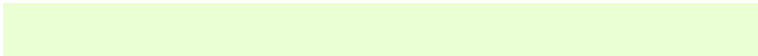
57.1652, 70.9643, 82.3532

Complementary

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



74.6230, 70.9643, 104.3722



81.4511, 93.7163, 75.4274

Split Complementary

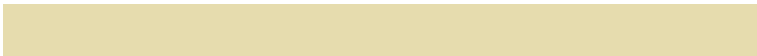
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.6911, 70.9643, 66.5686



74.6230, 70.9643, 104.3722



65.7263, 70.9643, 50.1603

Square

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



74.6230, 70.9643, 104.3722



76.3471, 70.9643, 59.0640



60.7510, 70.9643, 55.3164



59.2714, 70.9643, 98.8739

Rectangle

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



74.6230, 70.9643, 104.3722



79.0506, 70.9643, 77.7663



60.7510, 70.9643, 55.3164



57.0427, 70.9643, 76.7720

Sweetspot

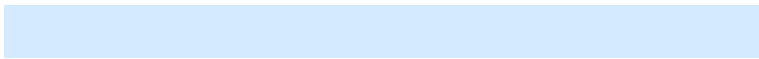
The Sweet Spot groups the original color and five complimentary colors.



74.6250, 70.9672, 104.3726



88.7069, 90.8910, 107.4761



74.4719, 80.1827, 106.1595



18.8021, 19.1903, 22.9631



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.



74.6250, 70.9672, 104.3726



70.7226, 65.5355, 103.5299



82.0480, 74.7939, 104.7200



17.8278, 17.8029, 22.7466



13.7732, 6.0108, 49.8689



1.4662, 0.6498, 4.8614

Inverse Universe

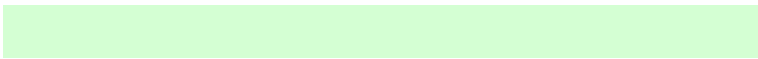
The Inverse Universe completely reimagines the original color for something new.



79.3872, 73.7917, 87.9031



76.4364, 68.9253, 83.7284



74.8060, 90.2906, 75.1165



18.4060, 18.1457, 20.7552



23.8477, 12.0284, 13.1146



2.3772, 1.1933, 1.5678

Previews

White Background



This preview shows how the XYZ color 74.6230, 70.9643, 104.3722 looks on a white background.

Color Contrast Check

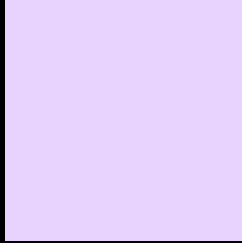
Large Text (above 18pt) WCAG AA × Fail

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 74.6230, 70.9643, 104.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

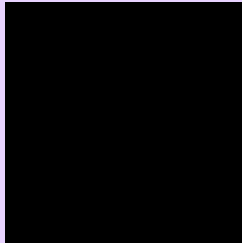
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6230, 70.9643, 104.3722

Background



This preview shows how black text looks on a background with the XYZ color 74.6230, 70.9643, 104.3722.

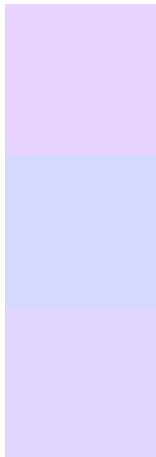


This preview shows how white text looks on a background with the XYZ color 74.6230, 70.9643,

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

74.6230, 70.9643, 104.3722

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

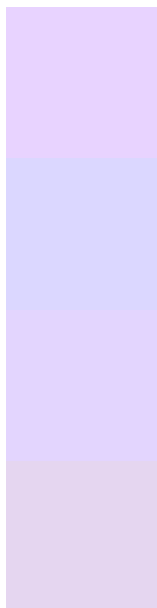
72.6764, 71.0962, 103.6584



Tritanopia

70.8608, 70.9211, 86.2983

Trichromacy



Original Color

74.6230, 70.9643, 104.3722

Protanomaly

71.5639, 70.8809, 104.5173

Deuteranomaly

73.3622, 71.0752, 103.6182

Tritanomaly

72.0878, 71.0424, 92.3512

Monochromacy



Original Color

74.6230, 70.9643, 104.3722

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.2867, 72.2521, 88.0307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6230, 70.9643, 104.3722 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6230, 70.9643, 104.3722 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, 211, 255) }
```


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

```
.border{ border-color:rgb(232, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6230, 70.9643, 104.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 211, 255) }
```

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

```
.background{ background-color: rgb(232,  
211, 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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