

Converting Colors

XYZ(70.9916, 69.2787, 98.3167)

Have a look what the booklet for
XYZ(70.9916, 69.2787, 98.3167)
contains.

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Color

**XYZ(70.9780, 69.2131,
98.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D3F8
RGB	224, 211, 248
RGB Percent	88%, 83%, 97%
CMY	0.1216, 0.1725, 0.0274
CMYK	0.10, 0.15, 0.00, 0.03
HSL	261°, 73%, 90%
HSV	261°, 15%, 97%
XYZ	70.9780, 69.2131, 98.4255
YIQ	219.1050, -4.1290, 14.2630

Conversions

Conversions Part 2

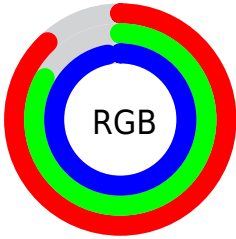
Format	Color
R _Y B	224, 211, 248
Decimal	14734328
CIE Lab	86.61, 11.34, -16.47
CIE LCh	87, 19.997, 304.563
Yxy	69.2131, 0.2975, 0.2901
Android (android.graphics.Color)	4292924408 (0xFFE0D3F8)
YUV	219.1050, 14.2452, 4.2929
Hunter-Lab	83.1944, 6.6985, -11.9086

Details

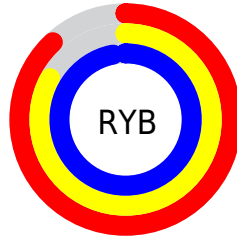
The XYZ color **70.9780, 69.2131, 98.4255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5887, 89.5019, 74.7121**, and the grayscale version is **67.3129, 70.8184, 77.1212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7651, 36.0177, 54.8309** is the 20% darker color. If you saturate the color by 10%, you get **60.5339, 55.3791, 96.3068**, and if you desaturate by 10%, it is **82.8485, 85.1971, 100.8862**.

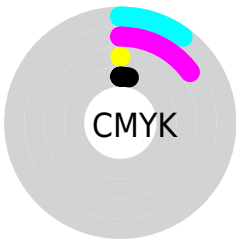
Distribution



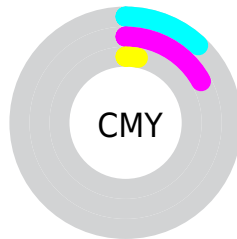
- Red (88%)
- Green (83%)
- Blue (97%)



- Red (88%)
- Yellow (83%)
- Blue (97%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9780, 69.2131, 98.4255 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 70.9780, 69.2131, 98.4255 by changing the saturation by 10% instead.

70.9780, 69.2131,
98.4255

70.9780, 69.2131,
98.4255

453.1896,
457.7822, 576.3363

52.6067, 50.8853,
74.3767

119.6211,
118.0859, 161.0247

37.7151, 36.1173,
54.6038

150.6236,
149.3997, 200.4123

25.9379, 24.5248,
38.6881

186.5672,
185.8109, 245.7498

16.9096, 15.7234,
26.2112

227.8173,
227.7039, 297.4559

10.2650, 9.3286,
16.7545

274.7392,
275.4631, 355.9490

5.6386, 4.9561,
9.8995

327.6984,

2.6652, 2.2216,

329.4730, 421.6478

5.2277

387.0600,
390.1179, 494.9707

■ 0.9793, 0.7317,
2.3204

■ 0.0000, 0.0000,
0.7426

■ 70.9780, 69.2131,
98.4255

■ 70.9780, 69.2131,
98.4255

■ 60.5339, 55.3791,
96.3068

■ 82.8485, 85.1971,
100.8862

■ 51.4536, 43.5927,
94.5104

■ 93.9435, 99.5574,
103.0732

■ 43.6786, 33.7562,
93.0215

■ 37.1437, 25.7603,
91.8226

■ 31.7776, 19.4846,
90.8941

■ 27.5007, 14.7936,
90.2140

■ 24.2222, 11.5306,
89.7570

■ 21.8330, 9.5043,
89.4918

■ 20.8856, 8.8096,
89.4077

Harmonies

Analogous

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



66.4973, 69.2131, 103.8131



70.9780, 69.2131, 98.4255



74.1764, 69.2131, 86.8792

Triad

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



70.9780, 69.2131, 98.4255



69.6925, 69.2131, 54.5594



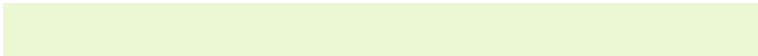
57.2851, 69.2131, 77.4125

Complementary

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



70.9780, 69.2131, 98.4255



79.5887, 89.5019, 74.7121

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.



58.0515, 69.2131, 64.9092



70.9780, 69.2131, 98.4255



65.0777, 69.2131, 52.6499

Square

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



70.9780, 69.2131, 98.4255



73.4101, 69.2131, 61.7737



60.8516, 69.2131, 56.2149



58.7070, 69.2131, 90.8082

Rectangle

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



70.9780, 69.2131, 98.4255



75.0736, 69.2131, 77.8088



60.8516, 69.2131, 56.2149



57.2959, 69.2131, 72.9656

Sweetspot

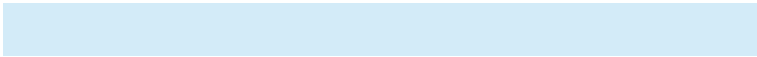
The Sweet Spot groups the original color and five complimentary colors.



70.9801, 69.2160, 98.4270



89.4894, 92.4305, 107.7320



73.5323, 80.0738, 100.3883



18.9367, 19.4884, 23.0135



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.



70.9801, 69.2160, 98.4270



71.9965, 68.9138, 104.1148



77.0123, 72.3257, 98.7093



16.8582, 16.9395, 21.7664



11.4192, 4.8295, 48.3039



1.1677, 0.5040, 4.4789

Inverse Universe

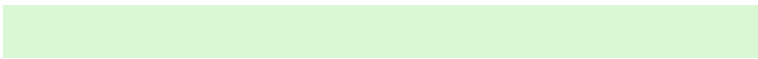
The Inverse Universe completely reimagines the original color for something new.



77.0034, 72.5461, 88.5448



79.6265, 73.1346, 91.4842



73.8093, 86.5226, 74.4416



17.7189, 17.4149, 20.3757



24.4501, 12.1958, 19.6106



2.3147, 1.1496, 2.0807

Previews

White Background



This preview shows how the XYZ color 70.9780, 69.2131, 98.4255 looks on a white background.

Color Contrast Check

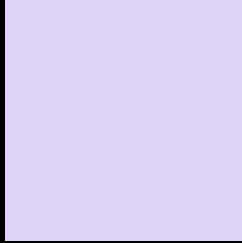
Large Text (above 18pt) WCAG AA × Fail

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 70.9780, 69.2131, 98.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

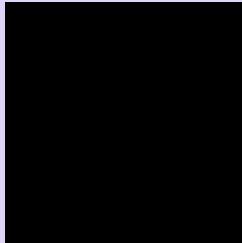
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9780, 69.2131, 98.4255

Background



This preview shows how black text looks on a background with the XYZ color 70.9780, 69.2131, 98.4255.



This preview shows how white text looks on a background with the XYZ color 70.9780, 69.2131,

98.4255.

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

70.9780, 69.2131, 98.4255

Protanopia

68.2914, 69.2676, 101.0374

Deuteranopia

70.6690, 69.0538, 98.4110



Tritanopia

68.2892, 69.2348, 85.3657

Trichromacy



Original Color

70.9780, 69.2131, 98.4255

Protanomaly

69.3262, 69.4423, 100.1923

Deuteranomaly

70.6690, 69.0538, 98.4110

Tritanomaly

69.2045, 69.2325, 89.8365

Monochromacy



Original Color

70.9780, 69.2131, 98.4255

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6576, 70.1971, 84.7937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9780, 69.2131, 98.4255 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, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 248)  
}
```

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, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 70.9780, 69.2131, 98.4255 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, 211, 248) }
```


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

```
.border{ border-color:rgb(224, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9780, 69.2131, 98.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 248) }
```

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

```
.background{ background-color: rgb(224,  
211, 248) }
```

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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