

Converting Colors

XYZ(70.4863, 68.2284, 98.2624)

Have a look what the booklet for XYZ(70.4863, 68.2284, 98.2624) contains.

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Color

**XYZ(70.4842, 68.2255,
98.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1F8
RGB	224, 209, 248
RGB Percent	88%, 82%, 97%
CMY	0.1216, 0.1804, 0.0274
CMYK	0.10, 0.16, 0.00, 0.03
HSL	263°, 74%, 90%
HSV	263°, 16%, 97%
XYZ	70.4842, 68.2255, 98.2609
YIQ	217.9310, -3.5790, 15.3090

Conversions

Conversions Part 2

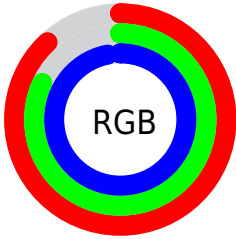
Format	Color
R _Y B	224, 209, 248
Decimal	14733816
CIE Lab	86.12, 12.40, -17.21
CIE LCh	86, 21.210, 305.789
Yxy	68.2255, 0.2974, 0.2879
Android (android.graphics.Color)	4292923896 (0xFFE0D1F8)
YUV	217.9310, 14.8240, 5.3225
Hunter-Lab	82.5987, 7.7721, -12.7133

Details

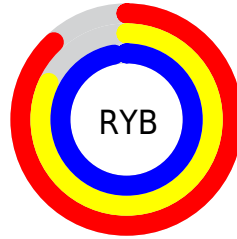
The XYZ color **70.4842, 68.2255, 98.2609** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6827, 89.0637, 73.3688**, and the grayscale version is **66.4976, 69.9607, 76.1872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5980, 35.6835, 54.7751** is the 20% darker color. If you saturate the color by 10%, you get **60.3474, 54.6609, 96.1780**, and if you desaturate by 10%, it is **81.9969, 83.9089, 100.6824**.

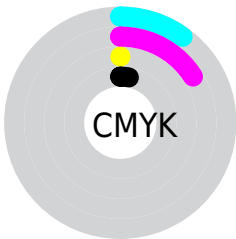
Distribution



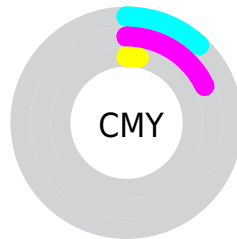
- Red (88%)
- Green (82%)
- Blue (97%)



- Red (88%)
- Yellow (82%)
- Blue (97%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4842, 68.2255, 98.2609 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 70.4842, 68.2255, 98.2609 by changing the saturation by 10% instead.

70.4842, 68.2255,
98.2609

70.4842, 68.2255,
98.2609

451.4882,
454.2946, 575.8014

52.2024, 50.0812,
74.2402

118.9215,
116.6747, 160.7962

37.3913, 35.4779,
54.4927

149.8077,
147.7484, 200.1478

25.6857, 24.0313,
38.5998

185.6261,
183.9006, 245.4468

16.7201, 15.3568,
26.1431

226.7420,
225.5159, 297.1117

10.1292, 9.0702,
16.7040

273.5209,
272.9785, 355.5611

5.5476, 4.7870,
9.8640

326.3279,

2.6100, 2.1228,

326.6729, 421.2135

5.2044

385.5286,
386.9834, 494.4874

■ 0.9511, 0.6774,
2.3069

■ 0.0000, 0.0000,
0.7351

■ 70.4842, 68.2255,
98.2609

■ 70.4842, 68.2255,
98.2609

■ 60.3474, 54.6609,
96.1780

■ 81.9969, 83.9089,
100.6824

■ 51.5254, 43.1133,
94.4141

■ 93.7698, 99.4678,
103.0651

■ 43.9617, 33.4855,
92.9544

■ 93.9435, 99.5574,
103.0732

■ 37.5927, 25.6685,
91.7812

■ 32.3489, 19.5420,
90.8751

■ 28.1526, 14.9705,
90.2138

■ 24.9147, 11.7967,
89.7719

■ 22.5270, 9.8268,
89.5175

■ 21.7019, 9.2305,
89.4459

Harmonies

Analogous

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



65.7964, 68.2255, 104.3250



70.4842, 68.2255, 98.2609



73.7771, 68.2255, 85.8488

Triad

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



70.4842, 68.2255, 98.2609



68.7671, 68.2255, 52.3923



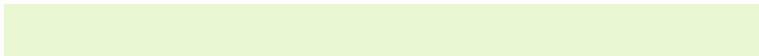
55.9599, 68.2255, 77.0268

Complementary

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



70.4842, 68.2255, 98.2609



78.6827, 89.0637, 73.3688

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.



56.6669, 68.2255, 63.8110



70.4842, 68.2255, 98.2609



63.9054, 68.2255, 50.6494

Square

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



70.4842, 68.2255, 98.2609



72.7515, 68.2255, 59.6661



59.5173, 68.2255, 54.5672



57.5356, 68.2255, 91.1180

Rectangle

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



70.4842, 68.2255, 98.2609



74.6516, 68.2255, 76.2749



59.5173, 68.2255, 54.5672



55.9395, 68.2255, 72.3319

Sweetspot

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



70.4863, 68.2284, 98.2624



88.2885, 90.6752, 107.4565



72.3932, 78.6411, 100.1718



18.7005, 19.1379, 22.9583



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.



70.4863, 68.2284, 98.2624



71.3623, 67.6648, 103.9072



76.8634, 71.5159, 98.5609



16.9141, 16.9684, 21.7690



11.8679, 5.0608, 48.3249



1.2135, 0.5276, 4.4811

Inverse Universe

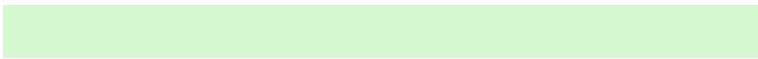
The Inverse Universe completely reimagines the original color for something new.



76.2221, 71.4435, 86.8666



78.6377, 71.7454, 89.3405



72.6788, 85.9685, 73.0878



17.6936, 17.4048, 20.2423



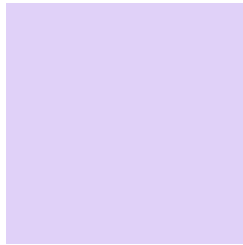
24.0719, 12.0445, 17.6189



2.2813, 1.1362, 1.9045

Previews

White Background



This preview shows how the XYZ color 70.4842, 68.2255, 98.2609 looks on a white background.

Color Contrast Check

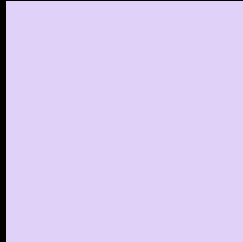
Large Text (above 18pt) WCAG AA × Fail

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 70.4842, 68.2255, 98.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

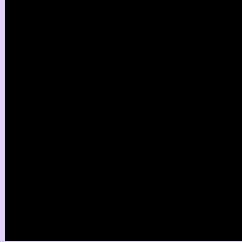
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4842, 68.2255, 98.2609

Background



This preview shows how black text looks on a background with the XYZ color 70.4842, 68.2255, 98.2609.



This preview shows how white text looks on a background with the XYZ color 70.4842, 68.2255,

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

70.4842, 68.2255, 98.2609

Protanopia

67.4716, 68.4681, 100.9263

Deuteranopia

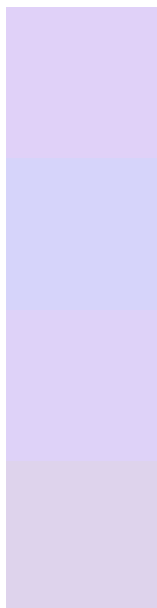
69.8087, 68.2426, 98.2998



Tritanopia

67.5051, 68.1163, 83.7186

Trichromacy



Original Color

70.4842, 68.2255, 98.2609

Protanomaly

68.5304, 68.2852, 100.0109

Deuteranomaly

70.1141, 68.4001, 98.3141

Tritanomaly

68.5588, 68.1743, 88.9024

Monochromacy



Original Color

70.4842, 68.2255, 98.2609

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9585, 69.4737, 83.9567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4842, 68.2255, 98.2609 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, 209, 248)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 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, 209, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 248) }
```

Border

The CSS property to change the border of an element to XYZ 70.4842, 68.2255, 98.2609 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, 209, 248) }
```


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

```
.border{ border-color:rgb(224, 209, 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, 209, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 209, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 209, 248); box-shadow:4px 4px 4px 4px rgb(224, 209, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4842, 68.2255, 98.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 248) }
```

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

```
.background{ background-color: rgb(224,  
209, 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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