

Converting Colors

XYZ(69.8433, 63.8187, 97.9861)

Have a look what the booklet for
XYZ(69.8433, 63.8187, 97.9861)
contains.

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Color

**XYZ(69.6983, 63.5951,
98.2241)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C5F9
RGB	230, 197, 249
RGB Percent	90%, 77%, 98%
CMY	0.0980, 0.2274, 0.0235
CMYK	0.08, 0.21, 0.00, 0.02
HSL	278°, 81%, 87%
HSV	278°, 21%, 98%
XYZ	69.6983, 63.5951, 98.2241
YIQ	212.7950, 2.9760, 23.1680

Conversions

Conversions Part 2

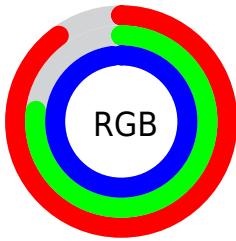
Format	Color
R _Y B	230, 197, 249
Decimal	15123961
CIE Lab	83.75, 20.91, -21.26
CIE LCh	84, 29.816, 314.524
Yxy	63.5951, 0.3010, 0.2747
Android (android.graphics.Color)	4293314041 (0xFFE6C5F9)
YUV	212.7950, 17.8491, 15.0888
Hunter-Lab	79.7465, 16.4522, -17.2051

Details

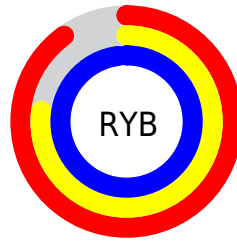
The XYZ color **69.6983, 63.5951, 98.2241** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2748, 86.3831, 65.6907**, and the grayscale version is **62.9938, 66.2744, 72.1728**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **36.7924, 32.4494, 54.1934** is the 20% darker color. If you saturate the color by 10%, you get **61.6611, 51.7417, 96.3607**, and if you desaturate by 10%, it is **78.8257, 77.4001, 100.4086**.

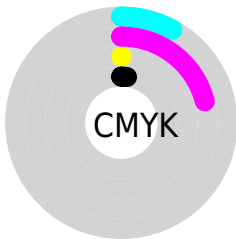
Distribution



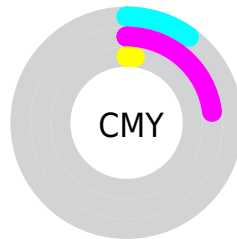
- Red (90%)
- Green (77%)
- Blue (98%)



- Red (90%)
- Yellow (77%)
- Blue (98%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6983, 63.5951, 98.2241 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 69.6983, 63.5951, 98.2241 by changing the saturation by 10% instead.

69.6983, 63.5951,
98.2241

69.6983, 63.5951,
98.2241

448.7729,
437.7260, 575.6818

51.5593, 46.3228,
74.2096

117.8070,
110.0276, 160.7451

36.8768, 32.5006,
54.4678

148.5075,
139.9566, 200.0887

25.2853, 21.7442,
38.5801

184.1258,
174.8733, 245.3791

16.4196, 13.6690,
26.1279

225.0274,
215.1621, 297.0348

9.9143, 7.8908,
16.6927

271.5775,
261.2074, 355.4744

5.4040, 4.0252,
9.8560

324.1416,

2.5234, 1.6877,

313.3935, 421.1164

5.1992

383.0849,
372.1049, 494.3793

■ 0.9071, 0.4156,
2.3039

■ 0.0000, 0.0000,
0.7334

■ 69.6983, 63.5951,
98.2241

■ 69.6983, 63.5951,
98.2241

■ 61.6611, 51.7417,
96.3607

■ 78.8257, 77.4001,
100.4086

■ 54.6599, 41.7390,
94.7990

■ 89.0823, 93.2350,
102.9245

■ 48.6449, 33.4891,
93.5237

■ 94.0991, 99.6196,
103.8925

■ 43.5590, 26.8816,
92.5163

■ 39.3388, 21.7933,
91.7566

■ 35.9117, 18.0830,
91.2211

■ 33.1913, 15.5816,
90.8817

■ 31.2030, 14.1105,
90.7025

Harmonies

Analogous

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



63.6539, 63.5951, 110.2840



69.6983, 63.5951, 98.2241



73.3918, 63.5951, 79.3052

Triad

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



69.6983, 63.5951, 98.2241



63.8631, 63.5951, 40.0130



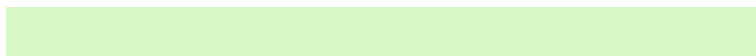
49.0713, 63.5951, 78.6739

Complementary

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



69.6983, 63.5951, 98.2241



72.2748, 86.3831, 65.6907

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.



49.1184, 63.5951, 60.0723



69.6983, 63.5951, 98.2241



57.3463, 63.5951, 39.9056

Square

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



69.6983, 63.5951, 98.2241



69.8610, 63.5951, 46.9373



52.0497, 63.5951, 46.6114



51.9160, 63.5951, 97.6906

Rectangle

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



69.6983, 63.5951, 98.2241



73.8672, 63.5951, 66.4425



52.0497, 63.5951, 46.6114



48.7564, 63.5951, 72.1237

Sweetspot

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



69.7003, 63.5978, 98.2255



88.3349, 89.5787, 107.2424



64.7003, 67.8584, 99.3114



18.7565, 18.9410, 22.9174



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.



69.7003, 63.5978, 98.2255



69.9187, 61.6974, 102.8314



75.0720, 66.4897, 92.9353



17.3421, 17.1890, 21.7891



16.8638, 7.6363, 48.5587



1.6783, 0.7673, 4.5028

Inverse Universe

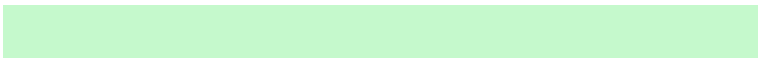
The Inverse Universe completely reimagines the original color for something new.



71.4300, 65.0329, 73.7565



72.1326, 63.5136, 72.4407



67.7950, 83.9798, 69.7243



17.5068, 17.3301, 19.2583



21.9845, 11.2095, 6.6271



2.0851, 1.0578, 0.8718

Previews

White Background



This preview shows how the XYZ color 69.6983, 63.5951, 98.2241 looks on a white background.

Color Contrast Check

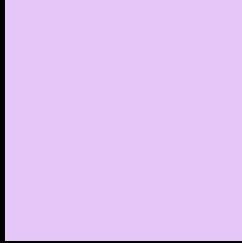
Large Text (above 18pt) WCAG AA × Fail

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 69.6983, 63.5951, 98.2241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

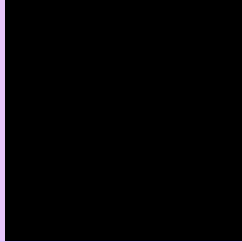
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6983, 63.5951, 98.2241

Background



This preview shows how black text looks on a background with the XYZ color 69.6983, 63.5951, 98.2241.

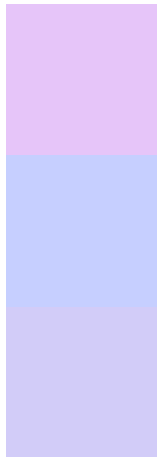


This preview shows how white text looks on a background with the XYZ color 69.6983, 63.5951,

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

69.6983, 63.5951, 98.2241

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

65.1145, 63.6647, 97.6635



Tritanopia

64.8268, 63.3106, 75.1331

Trichromacy



Original Color

69.6983, 63.5951, 98.2241

Protanomaly

65.6639, 63.5054, 101.7254

Deuteranomaly

66.4452, 63.3023, 97.5235

Tritanomaly

66.4757, 63.2966, 82.8426

Monochromacy



Original Color

69.6983, 63.5951, 98.2241

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2537, 65.1767, 81.0926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6983, 63.5951, 98.2241 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(230, 197, 249)` looks like.

```
.text, #text, p{  
    color:rgb(230, 197, 249)  
}
```

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(230, 197, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 197, 249) }
```

Border

The CSS property to change the border of an element to XYZ 69.6983, 63.5951, 98.2241 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(230, 197, 249) }
```


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

```
.border{ border-color:rgb(230, 197, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 197, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 197, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 197, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 197,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6983, 63.5951, 98.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 197, 249) }
```

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

```
.background{ background-color: rgb(230,  
197, 249) }
```

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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