

Converting Colors

XYZ(70.9672, 69.4576, 88.5641)

Have a look what the booklet for
XYZ(70.9672, 69.4576, 88.5641)
contains.

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Color

**XYZ(70.9228, 69.4097,
88.2566)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3EB
RGB	230, 211, 235
RGB Percent	90%, 83%, 92%
CMY	0.0980, 0.1725, 0.0784
CMYK	0.02, 0.10, 0.00, 0.08
HSL	287°, 37%, 87%
HSV	287°, 10%, 92%
XYZ	70.9228, 69.4097, 88.2566
YIQ	219.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

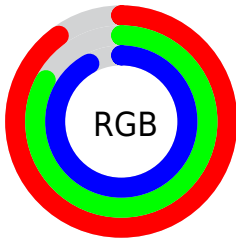
Format	Color
R_{YB}	230, 211, 235
Decimal	15127531
CIE _{Lab}	86.71, 10.81, -9.40
CIE _{LCh}	87, 14.322, 318.996
Yxy	69.4097, 0.3103, 0.3036
Android (android.graphics.Color)	4293317611 (0xFFE6D3EB)
YUV	219.4170, 7.6824, 9.2813
Hunter-Lab	83.3125, 6.1578, -4.4898

Details

The XYZ color **70.9228, 69.4097, 88.2566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7876, 78.7205, 73.1479**, and the grayscale version is **67.5698, 71.0887, 77.4155**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4807, 36.0303, 47.6269** is the 20% darker color. If you saturate the color by 10%, you get **63.9575, 57.7781, 86.3796**, and if you desaturate by 10%, it is **78.7898, 82.7769, 90.4231**.

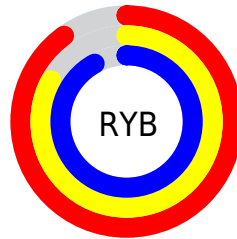
Distribution



Red (90%)

Green (83%)

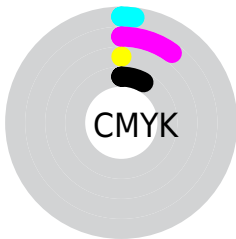
Blue (92%)



Red (90%)

Yellow (83%)

Blue (92%)

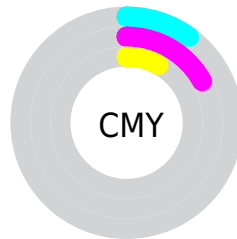


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9228, 69.4097, 88.2566 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 70.9228, 69.4097, 88.2566 by changing the saturation by 10% instead.

70.9228, 69.4097,
88.2566

70.9228, 69.4097,
88.2566

452.9996,
458.4746, 542.7662

52.5615, 51.0454,
65.9701

119.5429,
118.3666, 146.8286

37.6789, 36.2448,
47.7918

150.5324,
149.7280, 183.9512

25.9097, 24.6233,
33.3032

186.4621,
186.1905, 226.8562

16.8884, 15.7966,
22.0858

227.6972,
228.1386, 275.9621

10.2498, 9.3804,
13.7210

274.6031,
275.9567, 331.6875

5.6284, 4.9901,
7.7904

327.5453,

2.6590, 2.2415,

330.0291, 394.4510

3.8753

386.8890,
390.7403, 464.6711

■ 0.9761, 0.7425,
1.5572

■ 0.0000, 0.0000,
0.2600

■ 70.9228, 69.4097,
88.2566

■ 70.9228, 69.4097,
88.2566

■ 63.9575, 57.7781,
86.3796

■ 78.7898, 82.7769,
90.4231

■ 57.8505, 47.7992,
84.7754

■ 86.6210, 96.0075,
92.5642

■ 52.5639, 39.3968,
83.4322

■ 88.3039, 96.8751,
92.6429

■ 48.0545, 32.4848,
82.3357

■ 90.0321, 97.7660,
92.7238

■ 44.2749, 26.9690,
81.4703

■ 91.8058, 98.6804,
92.8068

■ 41.1724, 22.7445,
80.8184

■ 91.9956, 98.7782,
92.8157

■ 38.6865, 19.6911,
80.3600

■ 36.7454, 17.6657,
80.0714

■ 35.2545, 16.4421,
79.9138

Harmonies

Analogous

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



68.0780, 69.4097, 94.2740



70.9228, 69.4097, 88.2566



72.4587, 69.4097, 79.1300

Triad

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



70.9228, 69.4097, 88.2566



67.2016, 69.4097, 58.9663



60.1009, 69.4097, 81.7027

Complementary

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



70.9228, 69.4097, 88.2566



69.7876, 78.7205, 73.1479

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.



59.8841, 69.4097, 72.1288



70.9228, 69.4097, 88.2566



63.9096, 69.4097, 59.5287

Square

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



70.9228, 69.4097, 88.2566



70.2627, 69.4097, 62.5643



61.2568, 69.4097, 64.1711



61.8593, 69.4097, 90.2758

Rectangle

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



70.9228, 69.4097, 88.2566



72.5002, 69.4097, 72.7442



61.2568, 69.4097, 64.1711



59.8476, 69.4097, 78.4791

Sweetspot

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



70.9248, 69.4127, 88.2581



92.0739, 94.9147, 108.0753



66.4694, 69.0645, 88.4257



19.5410, 20.0318, 23.0866



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.



70.9248, 69.4127, 88.2581



83.7464, 80.8174, 105.7931



71.5887, 69.8663, 83.2586



15.3897, 15.1462, 19.0346



19.7301, 9.2072, 44.4802



1.6263, 0.7627, 3.4964

Inverse Universe

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



69.9523, 69.2117, 74.6414



82.3954, 80.5434, 86.6390



69.2035, 78.3188, 77.6650



15.1938, 15.1054, 16.3061



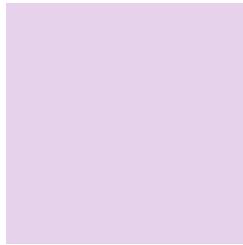
19.4132, 9.9680, 2.7111



1.5586, 0.7964, 0.3930

Previews

White Background



This preview shows how the XYZ color 70.9228, 69.4097, 88.2566 looks on a white background.

Color Contrast Check

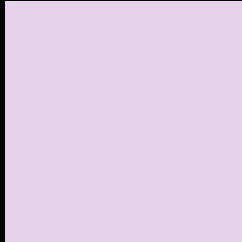
Large Text (above 18pt) WCAG AA × Fail

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 70.9228, 69.4097, 88.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

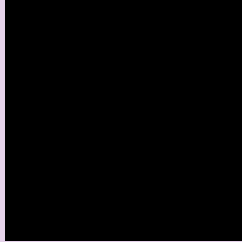
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9228, 69.4097, 88.2566

Background



This preview shows how black text looks on a background with the XYZ color 70.9228, 69.4097, 88.2566.



This preview shows how white text looks on a background with the XYZ color 70.9228, 69.4097,

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

70.9228, 69.4097, 88.2566

Protanopia

68.0128, 69.7319, 90.7639

Deuteranopia

70.9228, 69.4097, 88.2566



Tritanopia

69.9994, 69.4021, 83.8353

Trichromacy



Original Color

70.9228, 69.4097, 88.2566

Protanomaly

68.8478, 69.4232, 89.8921

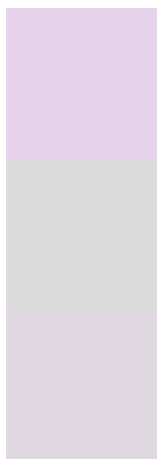
Deuteranomaly

70.9228, 69.4097, 88.2566

Tritanomaly

70.2804, 69.5145, 85.3148

Monochromacy



Original Color

70.9228, 69.4097, 88.2566

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5779, 70.2360, 81.1766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9228, 69.4097, 88.2566 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, 211, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 235)  
}
```

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, 211, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.9228, 69.4097, 88.2566 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, 211, 235) }
```


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

```
.border{ border-color:rgb(230, 211, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9228, 69.4097, 88.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 235) }
```

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

```
.background{ background-color: rgb(230,  
211, 235) }
```

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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