

Converting Colors

XYZ(72.5110, 71.0221, 86.7769)

Have a look what the booklet for
XYZ(72.5110, 71.0221, 86.7769)
contains.

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Color

**XYZ(72.4339, 70.9641,
86.9706)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD5E9
RGB	234, 213, 233
RGB Percent	92%, 84%, 91%
CMY	0.0823, 0.1647, 0.0863
CMYK	0.00, 0.09, 0.00, 0.08
HSL	303°, 33%, 88%
HSV	303°, 9%, 92%
XYZ	72.4339, 70.9641, 86.9706
YIQ	221.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

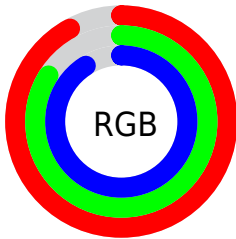
Format	Color
RYB	234, 213, 233
Decimal	15390185
CIELab	87.47, 10.73, -7.17
CIELCh	87, 12.905, 326.222
Yxy	70.9641, 0.3144, 0.3080
Android (android.graphics.Color)	4293580265 (0xFFEAD5E9)
YUV	221.5590, 5.6404, 10.9108
Hunter-Lab	84.2402, 6.0628, -2.2436

Details

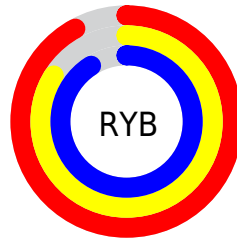
The XYZ color **72.4339, 70.9641, 86.9706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0037, 77.8487, 75.0114**, and the grayscale version is **69.0805, 72.6780, 79.1464**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5228, 37.0930, 46.7243** is the 20% darker color. If you saturate the color by 10%, you get **66.8097, 59.9686, 84.3136**, and if you desaturate by 10%, it is **78.9125, 83.6646, 89.9190**.

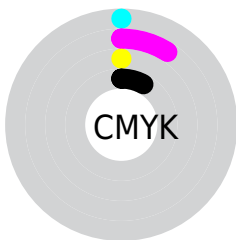
Distribution



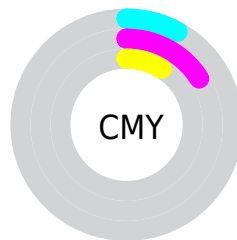
- Red (92%)
- Green (84%)
- Blue (91%)



- Red (92%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4339, 70.9641, 86.9706 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 72.4339, 70.9641, 86.9706 by changing the saturation by 10% instead.

72.4339, 70.9641,
86.9706

72.4339, 70.9641,
86.9706

458.1847,
463.9279, 538.4400

53.7999, 52.3129,
64.9114

121.6807,
120.5826, 145.0217

38.6718, 37.2545,
46.9383

153.0242,
152.3187, 181.8506

26.6841, 25.4046,
32.6329

189.3350,
189.1852, 224.4399

17.4714, 16.3788,
21.5766

230.9783,
231.5666, 273.2080

10.6686, 9.7926,
13.3508

278.3196,
279.8471, 328.5735

5.9101, 5.2616,
7.5370

331.7242,

2.8306, 2.4016,

334.4112, 390.9550

3.7166

391.5574,
395.6434, 460.7710

■ 1.0648, 0.8267,
1.4712

■ 0.0000, 0.0000,
0.1963

■ 72.4339, 70.9641,
86.9706

■ 72.4339, 70.9641,
86.9706

■ 66.8097, 59.9686,
84.3136

■ 78.9125, 83.6646,
89.9190

■ 61.9974, 50.5964,
81.9314

■ 84.7209, 95.0242,
92.6482

■ 57.9603, 42.7731,
79.8125

■ 84.8827, 95.0889,
93.5001

■ 54.6565, 36.4146,
77.9430

■ 85.0455, 95.1540,
94.3574

52.0399, 31.4290,
76.3074

85.2093, 95.2195,
95.2199

50.0595, 27.7142,
74.8889

85.3741, 95.2854,
96.0879

48.6570, 25.1536,
73.6679

85.5399, 95.3518,
96.9612

47.7634, 23.6093,
72.6214

85.7068, 95.4185,
97.8398

47.2736, 22.8710,
71.7145

85.8747, 95.4857,
98.7238

Harmonies

Analogous

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



70.0695, 70.9641, 93.3078



72.4339, 70.9641, 86.9706



73.4618, 70.9641, 78.3780

Triad

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



72.4339, 70.9641, 86.9706



67.8358, 70.9641, 61.7147



62.3320, 70.9641, 84.9162

Complementary

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



72.4339, 70.9641, 86.9706



69.0037, 77.8487, 75.0114

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.



61.7740, 70.9641, 76.1682



72.4339, 70.9641, 86.9706



64.8952, 70.9641, 63.1803

Square

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



72.4339, 70.9641, 86.9706



70.7571, 70.9641, 64.1513



62.6987, 70.9641, 68.3150



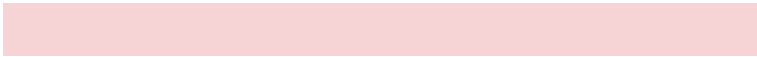
64.2461, 70.9641, 92.0604

Rectangle

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



72.4339, 70.9641, 86.9706



73.2288, 70.9641, 72.6775



62.6987, 70.9641, 68.3150



61.9821, 70.9641, 82.0475

Sweetspot

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



72.4360, 70.9672, 86.9721



92.5993, 95.1924, 107.7940



66.2927, 67.7837, 87.4326



19.6834, 20.1070, 23.0103



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.



72.4360, 70.9672, 86.9721



86.5310, 83.3051, 105.0029



71.0206, 70.4010, 79.5188



15.6820, 15.3007, 18.8768



26.5553, 12.8248, 40.3209



2.0948, 1.0109, 3.2166

Inverse Universe

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



72.4360, 70.9672, 86.9721



86.5310, 83.3051, 105.0029



70.3475, 78.3863, 82.0880



15.6820, 15.3007, 18.8768



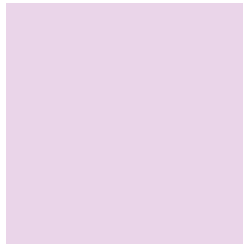
26.5553, 12.8248, 40.3209



2.0948, 1.0109, 3.2166

Previews

White Background



This preview shows how the XYZ color 72.4339, 70.9641, 86.9706 looks on a white background.

Color Contrast Check

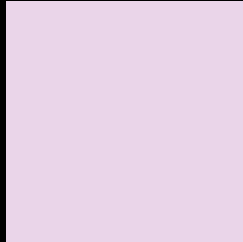
Large Text (above 18pt) WCAG AA × Fail

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 72.4339, 70.9641, 86.9706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

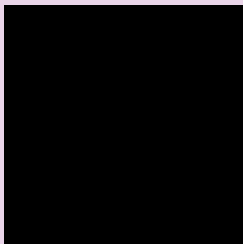
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4339, 70.9641, 86.9706

Background



This preview shows how black text looks on a background with the XYZ color 72.4339, 70.9641, 86.9706.



This preview shows how white text looks on a background with the XYZ color 72.4339, 70.9641,

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

72.4339, 70.9641, 86.9706

Protanopia

69.1252, 71.1044, 89.4381

Deuteranopia

72.4339, 70.9641, 86.9706



Tritanopia

72.0089, 70.7941, 84.7323

Trichromacy



Original Color

72.4339, 70.9641, 86.9706

Protanomaly

70.2917, 70.9572, 88.5886

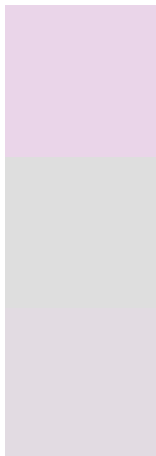
Deuteranomaly

72.4339, 70.9641, 86.9706

Tritanomaly

72.1497, 70.8504, 85.4741

Monochromacy



Original Color

72.4339, 70.9641, 86.9706

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4230, 72.3228, 82.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4339, 70.9641, 86.9706 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(234, 213, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 233)  
}
```

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(234, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 233) }
```

Border

The CSS property to change the border of an element to XYZ 72.4339, 70.9641, 86.9706 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(234, 213, 233) }
```


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

```
.border{ border-color:rgb(234, 213, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 213, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4339, 70.9641, 86.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 233) }
```

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

```
.background{ background-color: rgb(234,  
213, 233) }
```

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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