

Converting Colors

XYZ(70.3697, 74.1399, 77.2669)

Have a look what the booklet for
XYZ(70.3697, 74.1399, 77.2669)
contains.

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Color

**XYZ(70.0939, 73.8449,
76.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFDA
RGB	225, 223, 218
RGB Percent	88%, 87%, 85%
CMY	0.1176, 0.1255, 0.1451
CMYK	0.00, 0.01, 0.03, 0.12
HSL	43°, 10%, 87%
HSV	43°, 3%, 88%
XYZ	70.0939, 73.8449, 76.8888
YIQ	223.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

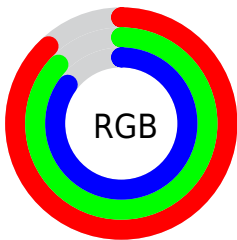
Format	Color
R_{YB}	221, 225, 218
Decimal	14802906
CIE Lab	88.85, -0.20, 2.67
CIE LCh	89, 2.682, 94.292
Yxy	73.8449, 0.3174, 0.3344
Android (android.graphics.Color)	4292992986 (0xFFE1DFDA)
YUV	223.0280, -2.4788, 1.7294
Hunter-Lab	85.9331, -4.7839, 7.1033

Details

The XYZ color **70.0939, 73.8449, 76.8888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0972, 71.5270, 81.4520**, and the grayscale version is **70.1766, 73.8312, 80.4022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1911, 39.1957, 40.2557** is the 20% darker color. If you saturate the color by 10%, you get **65.6663, 69.3854, 61.8593**, and if you desaturate by 10%, it is **74.9904, 78.6006, 94.0484**.

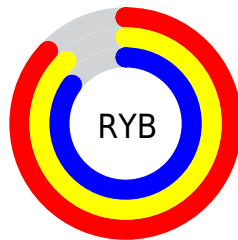
Distribution



Red (88%)

Green (87%)

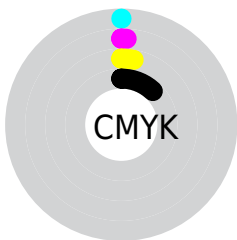
Blue (85%)



Red (87%)

Yellow (88%)

Blue (85%)

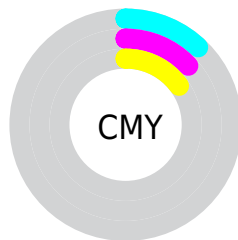


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0939, 73.8449, 76.8888 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 70.0939, 73.8449, 76.8888 by changing the saturation by 10% instead.

■ 70.0939, 73.8449,
76.8888

■ 70.0939, 73.8449,
76.8888

450.1409,
473.9379, 503.8124

■ 51.8830, 54.6671,
56.6506

118.3682,
124.6759, 130.7541

■ 37.1357, 39.1353,
40.3173

149.1623,
157.0979, 165.2182

■ 25.4867, 26.8650,
27.4704

184.8814,
194.7035, 205.2614

■ 16.5707, 17.4718,
17.6912

225.8910,
237.8769, 251.3023

■ 10.0223, 10.5715,
10.5614

272.5564,
287.0027, 303.7592

■ 5.4761, 5.7795,
5.6623

325.2429,

■ 2.5668, 2.7115,

342.4652, 363.0509

2.5754

384.3160,
404.6488, 429.5958

■ 0.9291, 0.9830,
0.8797

■ 0.0000, 0.0000,
0.0000

■ 70.0939, 73.8449,
76.8888

■ 70.0939, 73.8449,
76.8888

■ 65.6663, 69.3854,
61.8593

■ 74.9904, 78.6006,
94.0484

■ 61.6846, 65.2047,
48.8705

■ 79.0499, 83.1241,
106.4859

■ 58.1331, 61.2977,
37.8339

■ 80.9286, 86.8815,
107.1122

■ 54.9928, 57.6557,
28.6527

■ 82.8743, 90.7729,
107.7607

■ 52.2429, 54.2690,
21.2215

■ 84.8617, 94.7478,
108.4232

■ 49.8607, 51.1275,
15.4244

■ 47.8209, 48.2198,
11.1316

■ 46.0941, 45.5328,
8.1931

■ 44.6453, 43.0512,
6.4275

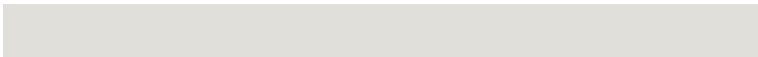
Harmonies

Analogous

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



70.7307, 73.8449, 77.2233



70.0939, 73.8449, 76.8888



69.4858, 73.8449, 77.4843

Triad

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



70.0939, 73.8449, 76.8888



69.1602, 73.8449, 82.4375



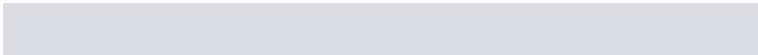
71.3192, 73.8449, 81.9668

Complementary

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



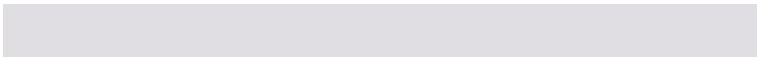
70.0939, 73.8449, 76.8888



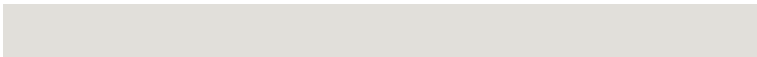
68.0972, 71.5270, 81.4520

Split Complementary

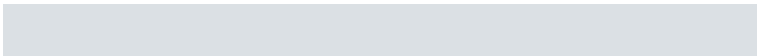
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.8937, 73.8449, 83.3972



70.0939, 73.8449, 76.8888



69.6468, 73.8449, 83.6719

Square

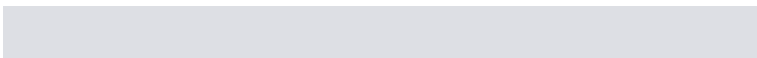
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0939, 73.8449, 76.8888



68.9488, 73.8449, 80.6726



70.2809, 73.8449, 84.0259



71.4407, 73.8449, 80.1371

Rectangle

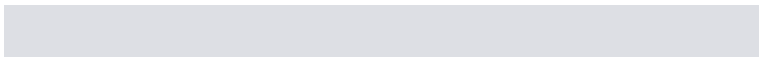
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



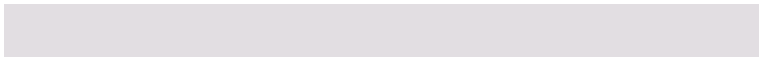
70.0939, 73.8449, 76.8888



69.1777, 73.8449, 78.3341



70.2809, 73.8449, 84.0259



71.2068, 73.8449, 82.5112

Sweetspot

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



70.0960, 73.8481, 76.8904



94.4106, 99.3738, 106.6749



69.0553, 71.3241, 77.9079



20.2145, 21.2767, 22.8563



0.0000, 0.0000, 0.0000



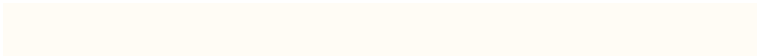
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0960, 73.8481, 76.8904



92.5302, 97.5189, 100.1724



70.1977, 74.6968, 77.0489



14.9808, 15.7927, 16.0558



25.3264, 24.0908, 3.3151



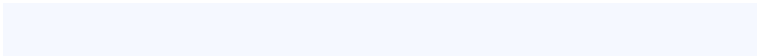
1.8306, 1.8201, 0.2548

Inverse Universe

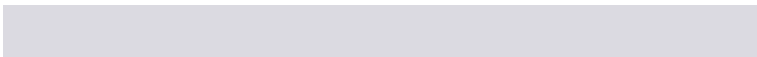
The Inverse Universe completely reimagines the original color for something new.



68.0972, 71.5270, 81.4520



89.1142, 93.5520, 107.9683



67.9970, 70.7024, 81.2981



14.3326, 15.0399, 17.5353



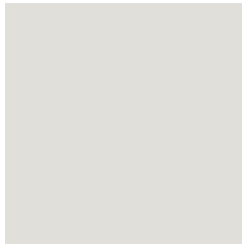
8.9792, 5.4280, 41.6228



0.6974, 0.5262, 2.9101

Previews

White Background



This preview shows how the XYZ color 70.0939, 73.8449, 76.8888 looks on a white background.

Color Contrast Check

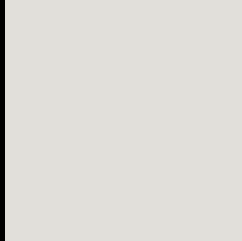
Large Text (above 18pt) WCAG AA × Fail

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 70.0939, 73.8449, 76.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

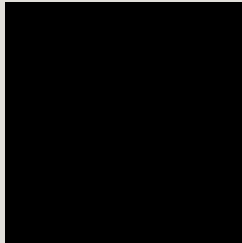
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

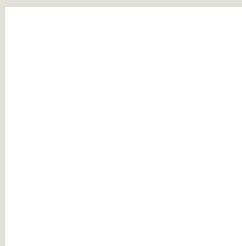
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0939, 73.8449, 76.8888

Background



This preview shows how black text looks on a background with the XYZ color 70.0939, 73.8449, 76.8888.

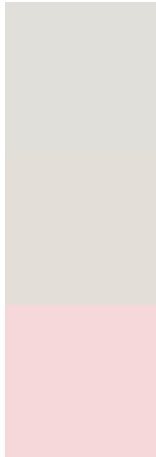


This preview shows how white text looks on a background with the XYZ color 70.0939, 73.8449,

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

70.0939, 73.8449, 76.8888

Protanopia

70.6406, 73.7463, 76.1569

Deuteranopia

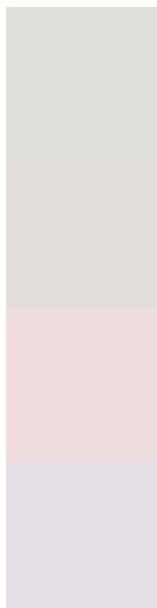
75.3481, 73.8190, 77.2951



Tritanopia

72.8742, 73.7948, 90.5237

Trichromacy



Original Color

70.0939, 73.8449, 76.8888

Protanomaly

70.3242, 73.5832, 76.1421

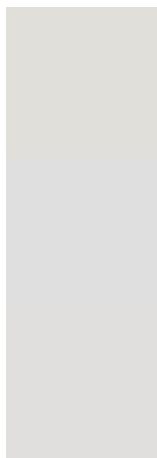
Deuteranomaly

73.3776, 73.9547, 77.4251

Tritanomaly

71.8179, 73.7570, 85.3142

Monochromacy



Original Color

70.0939, 73.8449, 76.8888

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1793, 73.8431, 78.9609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0939, 73.8449, 76.8888 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(225, 223, 218) looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 218)  
}
```

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(225, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 218) }
```

Border

The CSS property to change the border of an element to XYZ 70.0939, 73.8449, 76.8888 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(225, 223, 218) }
```


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

```
.border{ border-color:rgb(225, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0939, 73.8449, 76.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 218) }
```

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

```
.background{ background-color: rgb(225,  
223, 218) }
```

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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