

Converting Colors

XYZ(69.3881, 70.4842, 76.7136)

Have a look what the booklet for
XYZ(69.3881, 70.4842, 76.7136)
contains.

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Color

**XYZ(69.3997, 70.3734,
76.9435)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D7DB
RGB	229, 215, 219
RGB Percent	90%, 84%, 86%
CMY	0.1020, 0.1568, 0.1412
CMYK	0.00, 0.06, 0.04, 0.10
HSL	343°, 21%, 87%
HSV	343°, 6%, 90%
XYZ	69.3997, 70.3734, 76.9435
YIQ	219.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

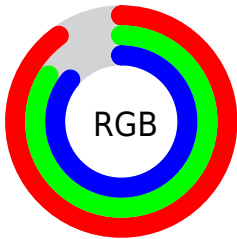
Format	Color
R _Y B	229, 215, 219
Decimal	15063003
CIE Lab	87.18, 5.50, -0.25
CIE LCh	87, 5.504, 357.434
Yxy	70.3734, 0.3202, 0.3247
Android (android.graphics.Color)	4293253083 (0xFFE5D7DB)
YUV	219.6420, -0.3165, 8.2070
Hunter-Lab	83.8889, 0.8643, 4.3410

Details

The XYZ color **69.3997, 70.3734, 76.9435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6369, 75.9237, 82.2224**, and the grayscale version is **67.7784, 71.3082, 77.6546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7272, 36.8206, 40.2933** is the 20% darker color. If you saturate the color by 10%, you get **61.9228, 58.6984, 64.3413**, and if you desaturate by 10%, it is **77.9085, 83.7715, 90.9360**.

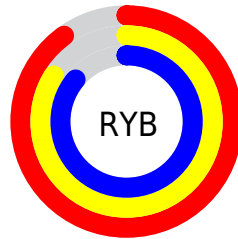
Distribution



Red (90%)

Green (84%)

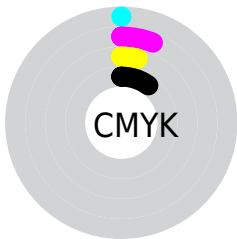
Blue (86%)



Red (90%)

Yellow (84%)

Blue (86%)

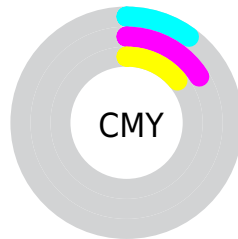


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3997, 70.3734, 76.9435 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 69.3997, 70.3734, 76.9435 by changing the saturation by 10% instead.

69.3997, 70.3734,
76.9435

69.3997, 70.3734,
76.9435

447.7388,
461.8600, 504.0039

51.3151, 51.8310,
56.6952

117.3832,
119.7411, 130.8320

36.6815, 36.8704,
40.3529

148.0129,
151.3352, 165.3093

25.1335, 25.1072,
27.4979

183.5550,
188.0486, 205.3667

16.3058, 16.1569,
17.7118

224.3748,
230.2658, 251.4227

9.8330, 9.6353,
10.5760

270.8377,
278.3712, 303.8959

5.3498, 5.1578,
5.6719

323.3091,

2.4908, 2.3401,

332.7490, 363.2048

2.5811

382.1544,
393.7839, 429.7680

■ 0.8906, 0.7948,
0.8827

■ 0.0000, 0.0000,
0.0000

■ 69.3997, 70.3734,
76.9435

■ 69.3997, 70.3734,
76.9435

■ 61.9228, 58.6984,
64.3413

■ 77.9085, 83.7715,
90.9360

■ 55.4322, 48.6676,
53.0816

■ 85.6006, 95.1891,
105.7289

■ 49.8872, 40.2093,
43.1204

■ 86.1235, 95.3982,
108.4822

■ 45.2424, 33.2431,
34.4096

■ 41.4484, 27.6814,
26.8978

■ 38.4507, 23.4273,
20.5301

■ 36.1882, 20.3716,
15.2467

■ 34.5906, 18.3871,
10.9817

■ 33.5715, 17.3161,
7.6603

Harmonies

Analogous

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



69.0028, 70.3734, 80.5174



69.3997, 70.3734, 76.9435



69.1164, 70.3734, 73.3941

Triad

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



69.3997, 70.3734, 76.9435



65.7501, 70.3734, 70.4836



65.5599, 70.3734, 82.7768

Complementary

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



69.3997, 70.3734, 76.9435



69.6369, 75.9237, 82.2224

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.



64.7077, 70.3734, 79.9487



69.3997, 70.3734, 76.9435



64.8165, 70.3734, 72.8595

Square

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



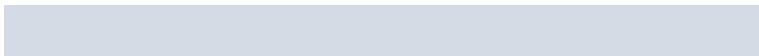
69.3997, 70.3734, 76.9435



66.9990, 70.3734, 69.7364



64.4373, 70.3734, 76.3067



66.7767, 70.3734, 83.9522

Rectangle

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



69.3997, 70.3734, 76.9435



68.5819, 70.3734, 71.5046



64.4373, 70.3734, 76.3067



65.2219, 70.3734, 81.9836

Sweetspot

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



69.4017, 70.3765, 76.9450



92.8633, 96.5566, 105.3043



69.4347, 70.2367, 84.0270



19.8995, 20.7031, 22.5772



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

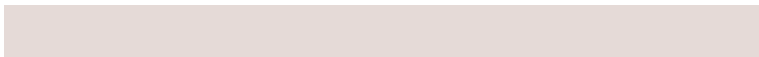
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4017, 70.3765, 76.9450



87.6317, 88.3409, 96.6314



69.6007, 71.6063, 74.4468



14.8642, 14.9344, 16.3399



19.0718, 9.7629, 4.0071



1.4484, 0.7371, 0.5016

Inverse Universe

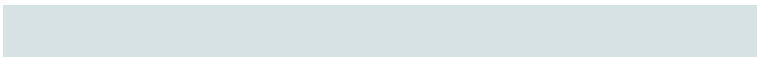
The Inverse Universe completely reimagines the original color for something new.



69.4017, 70.3765, 76.9450



87.6317, 88.3409, 96.6314



69.4203, 74.6078, 84.8715



14.8642, 14.9344, 16.3399



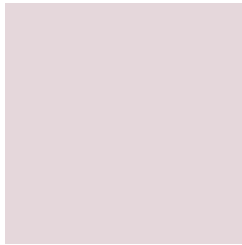
19.0718, 9.7629, 4.0071



1.4484, 0.7371, 0.5016

Previews

White Background



This preview shows how the XYZ color 69.3997, 70.3734, 76.9435 looks on a white background.

Color Contrast Check

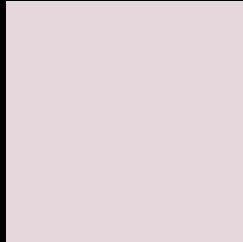
Large Text (above 18pt) WCAG AA × Fail

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 69.3997, 70.3734, 76.9435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

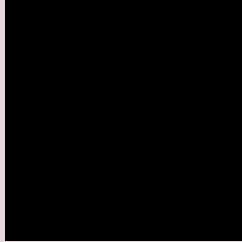
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

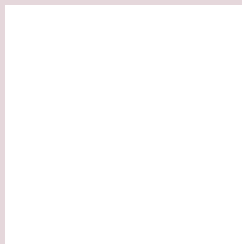
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3997, 70.3734, 76.9435

Background



This preview shows how black text looks on a background with the XYZ color 69.3997, 70.3734, 76.9435.

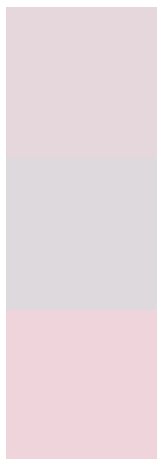


This preview shows how white text looks on a background with the XYZ color 69.3997, 70.3734,

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

69.3997, 70.3734, 76.9435

Protanopia

67.8553, 70.3226, 77.7074

Deuteranopia

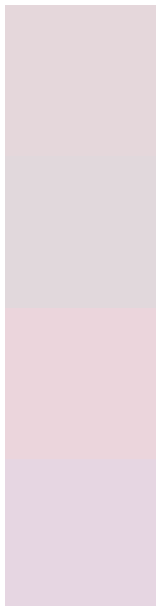
72.0584, 70.6050, 77.5404



Tritanopia

71.0322, 70.2906, 84.6866

Trichromacy



Original Color

69.3997, 70.3734, 76.9435

Protanomaly

68.5255, 70.2866, 77.6651

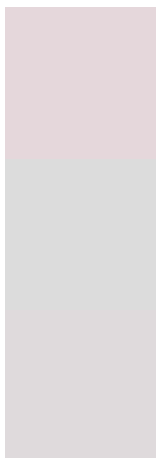
Deuteranomaly

70.9735, 70.4180, 77.5615

Tritanomaly

70.4072, 70.4071, 81.8306

Monochromacy



Original Color

69.3997, 70.3734, 76.9435

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.4211, 70.9981, 77.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3997, 70.3734, 76.9435 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(229, 215, 219) looks like.

```
.text, #text, p{  
    color:rgb(229, 215, 219)  
}
```

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(229, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.3997, 70.3734, 76.9435 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(229, 215, 219) }
```


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

```
.border{ border-color:rgb(229, 215, 219) }
```

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

Here you see how a box with a 4 pixel rgb(229, 215, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(229, 215,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3997, 70.3734, 76.9435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 215, 219) }
```

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

```
.background{ background-color: rgb(229,  
215, 219) }
```

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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