

Converting Colors

XYZ(69.4771, 70.0360, 76.9223)

Have a look what the booklet for
XYZ(69.4771, 70.0360, 76.9223)
contains.

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Color

**XYZ(69.4659, 70.0306,
76.8738)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D6DB
RGB	230, 214, 219
RGB Percent	90%, 84%, 86%
CMY	0.0980, 0.1608, 0.1412
CMYK	0.00, 0.07, 0.05, 0.10
HSL	341°, 24%, 87%
HSV	341°, 7%, 90%
XYZ	69.4659, 70.0306, 76.8738
YIQ	219.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

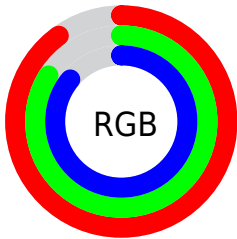
Format	Color
R _Y B	230, 214, 219
Decimal	15128283
CIE Lab	87.01, 6.37, -0.48
CIE LCh	87, 6.384, 355.670
Yxy	70.0306, 0.3211, 0.3237
Android (android.graphics.Color)	4293318363 (0xFFE6D6DB)
YUV	219.3540, -0.1745, 9.3365
Hunter-Lab	83.6843, 1.7244, 4.1142

Details

The XYZ color **69.4659, 70.0306, 76.8738** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6217, 76.3279, 82.3013**, and the grayscale version is **67.5767, 71.0960, 77.4235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5545, 36.4753, 40.2358** is the 20% darker color. If you saturate the color by 10%, you get **62.0671, 58.4077, 64.6180**, and if you desaturate by 10%, it is **77.8885, 83.3825, 90.4487**.

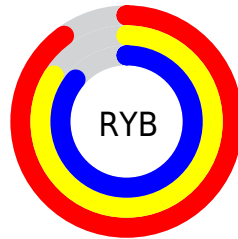
Distribution



Red (90%)

Green (84%)

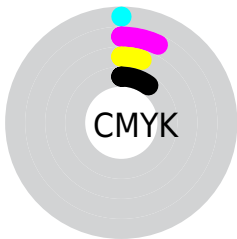
Blue (86%)



Red (90%)

Yellow (84%)

Blue (86%)

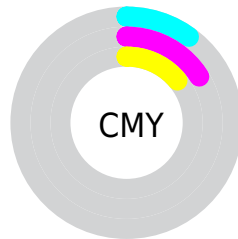


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4659, 70.0306, 76.8738 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 69.4659, 70.0306, 76.8738 by changing the saturation by 10% instead.

69.4659, 70.0306,
76.8738

69.4659, 70.0306,
76.8738

447.9682,
460.6574, 503.7599

51.3693, 51.5515,
56.6384

117.4772,
119.2524, 130.7327

36.7248, 36.6477,
40.3075

148.1226,
150.7639, 165.1933

25.1672, 24.9348,
27.4628

183.6816,
187.3882, 205.2326

16.3310, 16.0285,
17.6856

224.5195,
229.5099, 251.2692

9.8510, 9.5443,
10.5574

271.0018,
277.5132, 303.7217

5.3618, 5.0979,
5.6597

323.4938,

2.4980, 2.3048,

331.7827, 363.0087

2.5738

382.3608,
392.7026, 429.5485

■ 0.8942, 0.7763,
0.8789

■ 0.0000, 0.0000,
0.0000

■ 69.4659, 70.0306,
76.8738

■ 69.4659, 70.0306,
76.8738

■ 62.0671, 58.4077,
64.6180

■ 77.8885, 83.3825,
90.4487

■ 55.6463, 48.4340,
53.6365

■ 85.7486, 95.2852,
104.8374

■ 50.1631, 40.0369,
43.8884

■ 86.4436, 95.5632,
108.4972

■ 45.5721, 33.1348,
35.3288

■ 41.8235, 27.6389,
27.9100

■ 38.8629, 23.4506,
21.5808

■ 36.6289, 20.4586,
16.2856

■ 35.0503, 18.5329,
11.9629

■ 34.0369, 17.5062,
8.5421

Harmonies

Analogous

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



68.9610, 70.0306, 80.9828



69.4659, 70.0306, 76.8738



69.1832, 70.0306, 72.7449

Triad

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



69.4659, 70.0306, 76.8738



65.3261, 70.0306, 69.0784



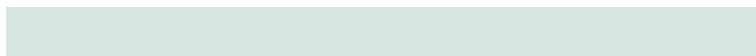
64.9560, 70.0306, 83.2447

Complementary

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



69.4659, 70.0306, 76.8738



69.6217, 76.3279, 82.3013

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.



64.0078, 70.0306, 79.8689



69.4659, 70.0306, 76.8738



64.2192, 70.0306, 71.7080

Square

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



69.4659, 70.0306, 76.8738



66.7789, 70.0306, 68.3432



63.7401, 70.0306, 75.6324



66.3455, 70.0306, 84.7473

Rectangle

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



69.4659, 70.0306, 76.8738



68.5883, 70.0306, 70.5199



63.7401, 70.0306, 75.6324



64.5760, 70.0306, 82.2854

Sweetspot

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



69.4679, 70.0337, 76.8753



92.8849, 96.5652, 105.4181



69.3625, 69.8064, 84.6821



19.9039, 20.7049, 22.6004



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.



69.4679, 70.0337, 76.8753



86.7069, 86.7970, 95.3803



69.5687, 71.2723, 73.7122



14.5615, 14.4418, 15.8911



19.1828, 9.8073, 4.5914



1.4582, 0.7410, 0.5536

Inverse Universe

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



69.4679, 70.0337, 76.8753



86.7069, 86.7970, 95.3803



69.5042, 74.9860, 85.6744



14.5615, 14.4418, 15.8911



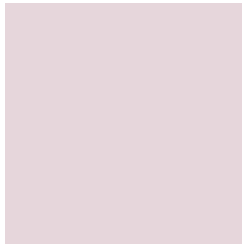
19.1828, 9.8073, 4.5914



1.4582, 0.7410, 0.5536

Previews

White Background



This preview shows how the XYZ color 69.4659, 70.0306, 76.8738 looks on a white background.

Color Contrast Check

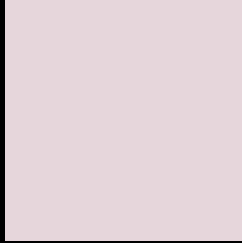
Large Text (above 18pt) WCAG AA × Fail

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 69.4659, 70.0306, 76.8738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

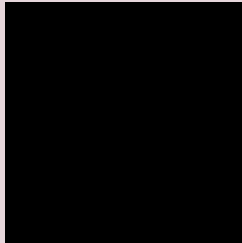
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

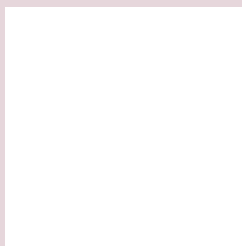
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4659, 70.0306, 76.8738

Background



This preview shows how black text looks on a background with the XYZ color 69.4659, 70.0306, 76.8738.

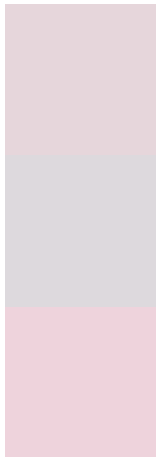


This preview shows how white text looks on a background with the XYZ color 69.4659, 70.0306,

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

69.4659, 70.0306, 76.8738

Protanopia

67.6828, 70.2183, 78.3928

Deuteranopia

71.4724, 69.9330, 77.4416



Tritanopia

70.6413, 69.7330, 83.8654

Trichromacy



Original Color

69.4659, 70.0306, 76.8738

Protanomaly

68.2146, 70.1263, 77.6506

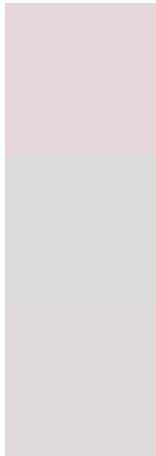
Deuteranomaly

70.7227, 69.9164, 77.4779

Tritanomaly

70.3399, 70.0137, 81.0408

Monochromacy



Original Color

69.4659, 70.0306, 76.8738

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.0305, 70.4282, 77.0262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4659, 70.0306, 76.8738 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, 214, 219) looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 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(230, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.4659, 70.0306, 76.8738 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, 214, 219) }
```


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

```
.border{ border-color:rgb(230, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4659, 70.0306, 76.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 219) }
```

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

```
.background{ background-color: rgb(230,  
214, 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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