

Converting Colors

XYZ(74.1967, 76.9736, 87.5634)

Have a look what the booklet for
XYZ(74.1967, 76.9736, 87.5634)
contains.

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Color

**XYZ(74.0749, 76.8769,
87.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E2E8
RGB	229, 226, 232
RGB Percent	90%, 89%, 91%
CMY	0.1020, 0.1137, 0.0902
CMYK	0.01, 0.03, 0.00, 0.09
HSL	270°, 12%, 90%
HSV	270°, 3%, 91%
XYZ	74.0749, 76.8769, 87.2785
YIQ	227.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

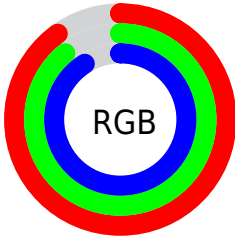
Format	Color
R _Y B	229, 226, 232
Decimal	15065832
CIE Lab	90.26, 2.09, -2.57
CIE LCh	90, 3.314, 309.140
Yxy	76.8769, 0.3109, 0.3227
Android (android.graphics.Color)	4293255912 (0xFFE5E2E8)
YUV	227.5810, 2.1786, 1.2445
Hunter-Lab	87.6795, -2.6356, 2.3568

Details

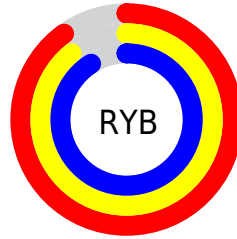
The XYZ color **74.0749, 76.8769, 87.2785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9001, 79.8643, 83.4231**, and the grayscale version is **73.4233, 77.2471, 84.1221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8549, 41.2591, 46.9375** is the 20% darker color. If you saturate the color by 10%, you get **64.6080, 63.2583, 85.1500**, and if you desaturate by 10%, it is **84.6474, 92.3369, 89.7065**.

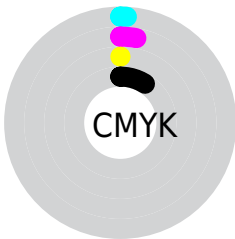
Distribution



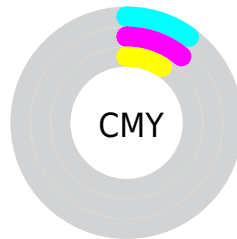
- Red (90%)
- Green (89%)
- Blue (91%)



- Red (90%)
- Yellow (89%)
- Blue (91%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0749, 76.8769, 87.2785 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 74.0749, 76.8769, 87.2785 by changing the saturation by 10% instead.

■ 74.0749, 76.8769,
87.2785

■ 74.0749, 76.8769,
87.2785

463.7782,
484.3442, 539.4775

■ 55.1468, 57.1518,
65.1648

123.9969,
128.9657, 145.4545

■ 39.7536, 41.1272,
47.1425

155.7216,
162.0982, 182.3539

■ 27.5298, 28.4185,
32.7932

192.4425,
200.4687, 225.0190

■ 18.1102, 18.6413,
21.6982

234.5250,
244.4616, 273.8682

■ 11.1293, 11.4114,
13.4391

282.3345,
294.4611, 329.3201

■ 6.2218, 6.3443,
7.5974

336.2362,

■ 3.0224, 3.0555,

350.8518, 391.7933

3.7544

396.5957,
414.0181, 461.7062

■ 1.1656, 1.1608,
1.4916

■ 0.0789, 0.0293,
0.2116

■ 74.0749, 76.8769,
87.2785

■ 74.0749, 76.8769,
87.2785

■ 64.6080, 63.2583,
85.1500

■ 84.6474, 92.3369,
89.7065

■ 56.2014, 51.4007,
83.3043

■ 90.5494, 98.0824,
90.5044

■ 48.8159, 41.2322,
81.7308

■ 91.5657, 98.6063,
90.5520

■ 42.4074, 32.6720,
80.4163

■ 36.9283, 25.6327,
79.3464

■ 32.3263, 20.0181,
78.5052

■ 28.5436, 15.7208,
77.8751

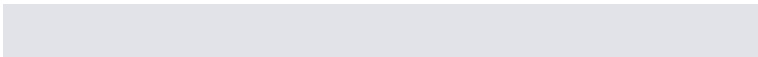
■ 25.5138, 12.6170,
77.4357

■ 23.1582, 10.5581,
77.1625

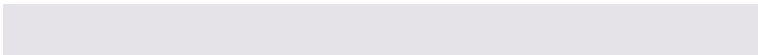
Harmonies

Analogous

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



73.3214, 76.8769, 88.2710



74.0749, 76.8769, 87.2785



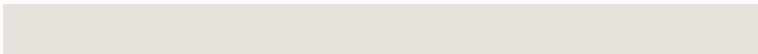
74.5613, 76.8769, 85.3337

Triad

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



74.0749, 76.8769, 87.2785



73.6354, 76.8769, 79.5327



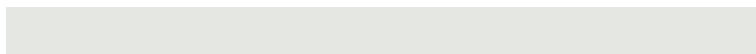
71.5145, 76.8769, 84.4295

Complementary

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



74.0749, 76.8769, 87.2785



74.9001, 79.8643, 83.4231

Split Complementary

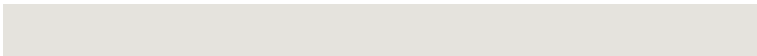
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5971, 76.8769, 82.0989



74.0749, 76.8769, 87.2785



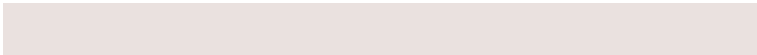
72.8175, 76.8769, 79.3009

Square

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



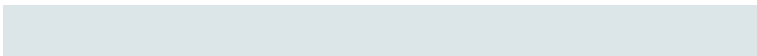
74.0749, 76.8769, 87.2785



74.3062, 76.8769, 80.8713



72.0726, 76.8769, 80.2321



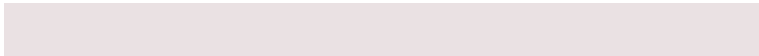
71.8460, 76.8769, 86.6059

Rectangle

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



74.0749, 76.8769, 87.2785



74.6665, 76.8769, 83.7740



72.0726, 76.8769, 80.2321



71.4948, 76.8769, 83.6378

Sweetspot

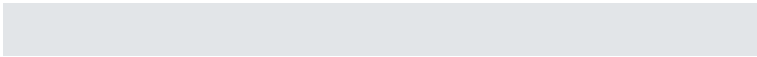
The Sweet Spot groups the original color and five complimentary colors.



74.0771, 76.8802, 87.2802



93.7740, 98.1426, 108.6087



73.9794, 78.0918, 87.5192



20.0850, 21.0261, 23.2498



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.



74.0771, 76.8802, 87.2802



91.2637, 94.4971, 108.0374



75.0103, 77.3613, 87.3239



15.4133, 15.8930, 18.3996



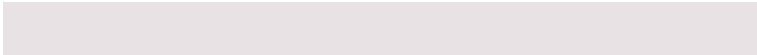
12.2241, 5.3677, 42.7750



1.0104, 0.4519, 3.1659

Inverse Universe

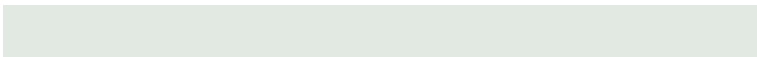
The Inverse Universe completely reimagines the original color for something new.



74.6207, 77.2092, 85.1027



92.0485, 94.9720, 104.8936



73.9823, 79.3912, 83.3802



15.5807, 15.9944, 17.7289



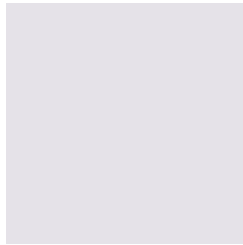
20.2913, 10.2507, 10.4290



1.5463, 0.7762, 1.0176

Previews

White Background



This preview shows how the XYZ color 74.0749, 76.8769, 87.2785 looks on a white background.

Color Contrast Check

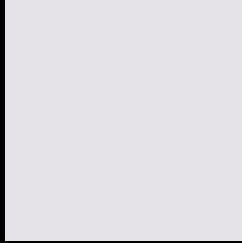
Large Text (above 18pt) WCAG AA × Fail

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 74.0749, 76.8769, 87.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

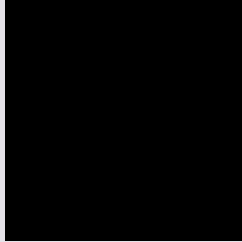
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

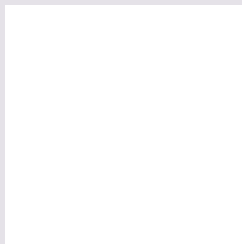
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0749, 76.8769, 87.2785

Background



This preview shows how black text looks on a background with the XYZ color 74.0749, 76.8769, 87.2785.



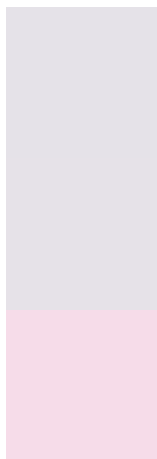
This preview shows how white text looks on a background with the XYZ color 74.0749, 76.8769,

87.2785.

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

74.0749, 76.8769, 87.2785

Protanopia

74.3950, 77.0419, 87.2935

Deuteranopia

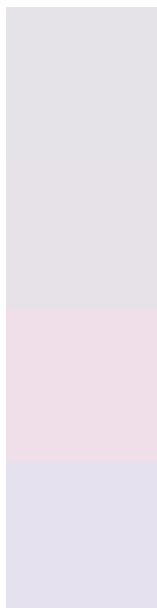
78.3072, 76.6624, 87.7609



Tritanopia

75.6377, 76.7110, 94.8246

Trichromacy



Original Color

74.0749, 76.8769, 87.2785

Protanomaly

74.3950, 77.0419, 87.2935

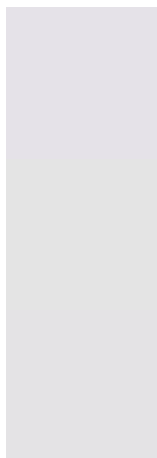
Deuteranomaly

76.7644, 76.6510, 87.8400

Tritanomaly

74.9910, 76.8465, 91.7693

Monochromacy



Original Color

74.0749, 76.8769, 87.2785

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6069, 77.0893, 85.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0749, 76.8769, 87.2785 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, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 232)  
}
```

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, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.0749, 76.8769, 87.2785 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, 226, 232) }
```


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

```
.border{ border-color:rgb(229, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0749, 76.8769, 87.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 232) }
```

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

```
.background{ background-color: rgb(229,  
226, 232) }
```

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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