

Converting Colors

XYZ(73.9001, 76.3116, 86.7280)

Have a look what the booklet for
XYZ(73.9001, 76.3116, 86.7280)
contains.

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Color

**XYZ(73.9821, 76.4429,
86.4570)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6E1E7 |
| RGB | 230, 225, 231 |
| RGB Percent | 90%, 88%, 91% |
| CMY | 0.0980, 0.1176, 0.0941 |
| CMYK | 0.00, 0.03, 0.00, 0.09 |
| HSL | 290°, 11%, 89% |
| HSV | 290°, 3%, 91% |
| XYZ | 73.9821, 76.4429, 86.4570 |
| YIQ | 227.1790, 1.0540, 2.9260 |

Conversions

Conversions Part 2

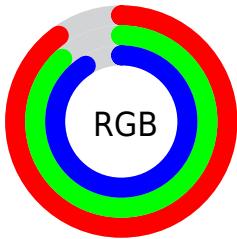
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 230, 225, 231 |
| Decimal | 15131111 |
| CIE Lab | 90.06, 2.76, -2.33 |
| CIE LCh | 90, 3.615, 319.849 |
| Yxy | 76.4429, 0.3123, 0.3227 |
| Android (android.graphics.Color) | 4293321191 (0xFFE6E1E7) |
| YUV | 227.1790, 1.8838, 2.4740 |
| Hunter-Lab | 87.4316, -1.9639, 2.5731 |

Details

The XYZ color **73.9821, 76.4429, 86.4570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5335, 78.7589, 82.5644**, and the grayscale version is **73.1319, 76.9405, 83.7882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7918, 40.9586, 46.3660** is the 20% darker color. If you saturate the color by 10%, you get **66.9329, 64.1590, 84.4586**, and if you desaturate by 10%, it is **81.9078, 90.4371, 88.7416**.

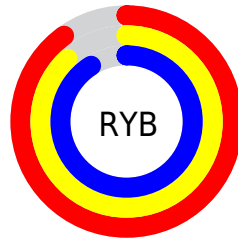
Distribution



Red (90%)

Green (88%)

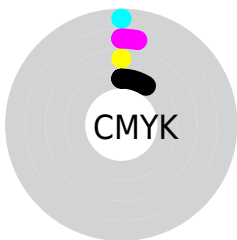
Blue (91%)



Red (90%)

Yellow (88%)

Blue (91%)

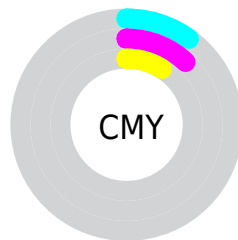


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9821, 76.4429, 86.4570 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 73.9821, 76.4429, 86.4570 by changing the saturation by 10% instead.

73.9821, 76.4429,
86.4570

73.9821, 76.4429,
86.4570

463.4629,
482.8625, 536.7067

55.0706, 56.7958,
64.4889

123.8661,
128.3528, 144.2992

39.6923, 40.8413,
46.5980

155.5693,
161.3843, 181.0104

27.4819, 28.1951,
32.3659

192.2671,
199.6461, 223.4731

18.0739, 18.4728,
21.3740

234.3249,
243.5225, 272.1057

11.1031, 11.2899,
13.2038

282.1080,
293.3979, 327.3268

6.2040, 6.2622,
7.4366

335.9818,

3.0114, 3.0052,

349.6568, 389.5550

3.6541

396.3116,
412.6835, 459.2088

■ 1.1598, 1.1344,
1.4376

■ 0.0743, 0.0071,
0.1708

■ 73.9821, 76.4429,
86.4570

■ 73.9821, 76.4429,
86.4570

■ 66.9329, 64.1590,
84.4586

■ 81.9078, 90.4371,
88.7416

■ 60.7199, 53.5080,
82.7303

■ 85.3458, 95.4162,
89.5214

■ 55.3090, 44.4214,
81.2615

■ 86.6513, 96.0892,
89.5825

■ 50.6614, 36.8216,
80.0396

■ 87.9846, 96.7765,
89.6449

46.7352, 30.6248,
79.0504

89.3460, 97.4784,
89.7086

43.4837, 25.7386,
78.2787

90.7356, 98.1947,
89.7737

40.8553, 22.0592,
77.7070

91.4240, 98.5496,
89.8059

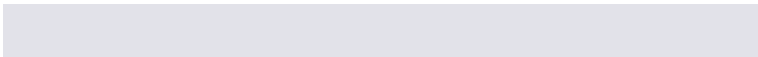
38.7900, 19.4674,
77.3156

37.2157, 17.8191,
77.0804

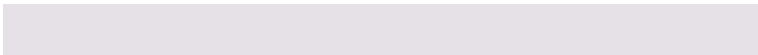
Harmonies

Analogous

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



73.2435, 76.4429, 87.9632



73.9821, 76.4429, 86.4570



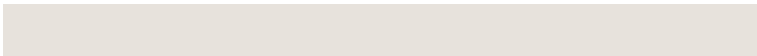
74.3666, 76.4429, 84.1063

Triad

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



73.9821, 76.4429, 86.4570



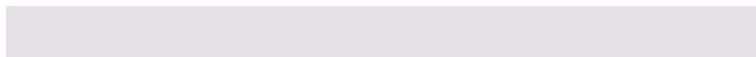
72.9609, 76.4429, 78.4682



71.0475, 76.4429, 84.9207

Complementary

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



73.9821, 76.4429, 86.4570



73.5335, 78.7589, 82.5644

Split Complementary

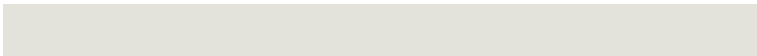
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9732, 76.4429, 82.3664



73.9821, 76.4429, 86.4570



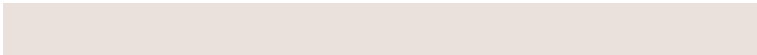
72.0730, 76.4429, 78.6761

Square

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



73.9821, 76.4429, 86.4570



73.7737, 76.4429, 79.5170



71.3472, 76.4429, 80.0908



71.5510, 76.4429, 87.0637

Rectangle

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



73.9821, 76.4429, 86.4570



74.3682, 76.4429, 82.3918



71.3472, 76.4429, 80.0908



70.9717, 76.4429, 84.0806

Sweetspot

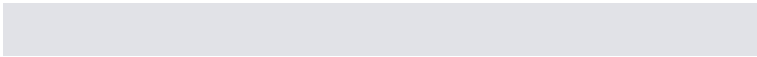
The Sweet Spot groups the original color and five complimentary colors.



73.9843, 76.4462, 86.4587



94.0856, 98.3032, 108.6233



72.7019, 76.2277, 86.4841



20.1484, 21.0588, 23.2528



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.



73.9843, 76.4462, 86.4587



92.1900, 94.9746, 108.0807



74.0394, 76.5054, 85.0687



15.6108, 15.9948, 18.4089



20.4309, 9.5984, 43.1590



1.5727, 0.7417, 3.1922

Inverse Universe

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



73.6104, 76.3338, 82.8097



91.6485, 94.8120, 102.7871



73.4813, 78.7019, 83.9218



15.4958, 15.9604, 17.2814



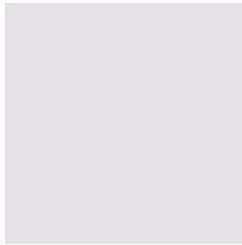
18.7065, 9.6168, 2.0834



1.4118, 0.7224, 0.3093

Previews

White Background



This preview shows how the XYZ color 73.9821, 76.4429, 86.4570 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 73.9821, 76.4429, 86.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

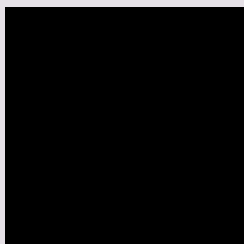
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

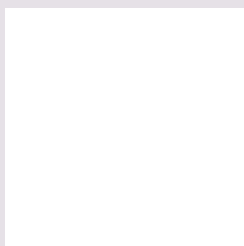
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9821, 76.4429, 86.4570

Background



This preview shows how black text looks on a background with the XYZ color 73.9821, 76.4429, 86.4570.



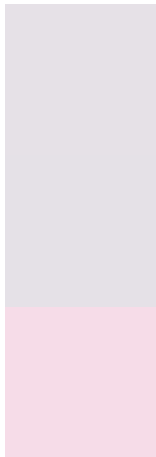
This preview shows how white text looks on a background with the XYZ color 73.9821, 76.4429,

86.4570.

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

73.9821, 76.4429, 86.4570

Protanopia

73.6621, 76.2780, 86.4420

Deuteranopia

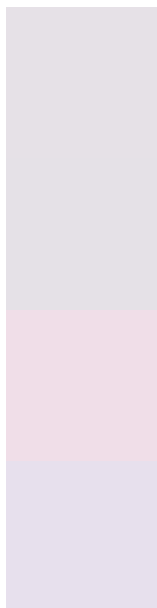
78.1647, 76.6054, 87.0105



Tritanopia

75.5436, 76.2820, 93.9614

Trichromacy



Original Color

73.9821, 76.4429, 86.4570

Protanomaly

73.6621, 76.2780, 86.4420

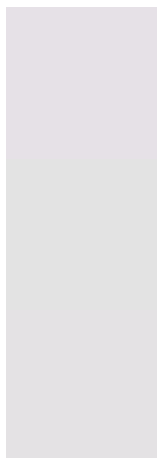
Deuteranomaly

76.6219, 76.5940, 87.0896

Tritanomaly

74.8967, 76.4147, 90.9228

Monochromacy



Original Color

73.9821, 76.4429, 86.4570

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1949, 76.4881, 84.3047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9821, 76.4429, 86.4570 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, 225, 231) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 231)  
}
```

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, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.9821, 76.4429, 86.4570 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, 225, 231) }
```


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

```
.border{ border-color:rgb(230, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9821, 76.4429, 86.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 231) }
```

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

```
.background{ background-color: rgb(230,  
225, 231) }
```

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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