

Converting Colors

XYZ(73.7955, 76.3406, 88.6098)

Have a look what the booklet for
XYZ(73.7955, 76.3406, 88.6098)
contains.

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Color

**XYZ(73.7714, 76.2849,
88.6782)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E1EA
RGB	228, 225, 234
RGB Percent	89%, 88%, 92%
CMY	0.1059, 0.1176, 0.0823
CMYK	0.03, 0.04, 0.00, 0.08
HSL	260°, 18%, 90%
HSV	260°, 4%, 92%
XYZ	73.7714, 76.2849, 88.6782
YIQ	226.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

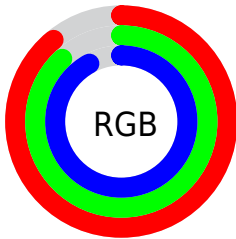
Format	Color
R _Y B	228, 225, 234
Decimal	15000042
CIE Lab	89.99, 2.64, -4.03
CIE LCh	90, 4.818, 303.243
Yxy	76.2849, 0.3090, 0.3195
Android (android.graphics.Color)	4293190122 (0xFFE4E1EA)
YUV	226.9230, 3.4890, 0.9445
Hunter-Lab	87.3412, -2.0799, 0.9413

Details

The XYZ color **73.7714, 76.2849, 88.6782** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9713, 81.2728, 82.9211**, and the grayscale version is **72.9356, 76.7339, 83.5632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6442, 40.8480, 47.9145** is the 20% darker color. If you saturate the color by 10%, you get **63.1450, 62.0525, 86.4923**, and if you desaturate by 10%, it is **85.7161, 92.4881, 91.1773**.

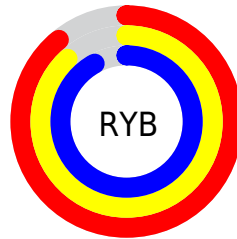
Distribution



Red (89%)

Green (88%)

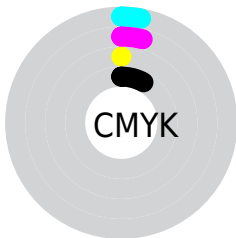
Blue (92%)



Red (89%)

Yellow (88%)

Blue (92%)

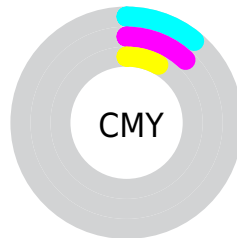


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7714, 76.2849, 88.6782 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 73.7714, 76.2849, 88.6782 by changing the saturation by 10% instead.

73.7714, 76.2849,
88.6782

73.7714, 76.2849,
88.6782

462.7465,
482.3224, 544.1804

54.8976, 56.6662,
66.3174

123.5689,
128.1295, 147.4204

39.5532, 40.7373,
48.0720

155.2234,
161.1242, 184.6389

27.3730, 28.1138,
33.5235

191.8687,
199.3464, 227.6469

17.9916, 18.4115,
22.2534

233.8703,
243.1803, 276.8632

11.0436, 11.2458,
13.8431

281.5935,
293.0105, 332.7061

6.1637, 6.2324,
7.8741

335.4037,

2.9865, 2.9869,

349.2213, 395.5942

3.9279

395.6663,
412.1972, 465.9462

■ 1.1466, 1.1249,
1.5859

■ 0.0636, 0.0000,
0.2807

■ 73.7714, 76.2849,
88.6782

■ 73.7714, 76.2849,
88.6782

■ 63.1450, 62.0525,
86.4923

■ 85.7161, 92.4881,
91.1773

■ 53.7834, 49.7049,
84.6024

■ 91.8515, 98.7206,
92.0570

■ 45.6393, 39.1642,
82.9971

■ 38.6595, 30.3434,
81.6624

■ 32.7867, 23.1479,
80.5830

■ 27.9585, 17.4737,
79.7423

■ 24.1056, 13.2047,
79.1213

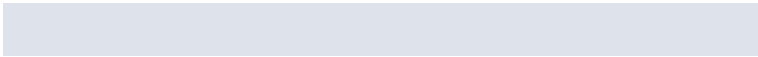
■ 21.1492, 10.2068,
78.6985

■ 18.9955, 8.3182,
78.4475

Harmonies

Analogous

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



72.6364, 76.2849, 89.7950



73.7714, 76.2849, 88.6782



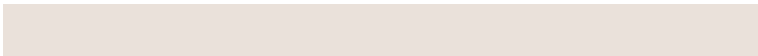
74.5743, 76.2849, 86.0544

Triad

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



73.7714, 76.2849, 88.6782



73.5442, 76.2849, 77.3317



70.2401, 76.2849, 83.4336

Complementary

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



73.7714, 76.2849, 88.6782



75.9713, 81.2728, 82.9211

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.



70.4773, 76.2849, 80.1384



73.7714, 76.2849, 88.6782



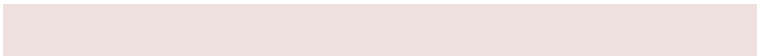
72.3768, 76.2849, 76.6729

Square

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



73.7714, 76.2849, 88.6782



74.4421, 76.2849, 79.5114



71.2562, 76.2849, 77.6867



70.6047, 76.2849, 86.7153

Rectangle

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



73.7714, 76.2849, 88.6782



74.8086, 76.2849, 83.8367



71.2562, 76.2849, 77.6867



70.2521, 76.2849, 82.2907

Sweetspot

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



73.7736, 76.2882, 88.6799



93.6190, 98.0627, 108.6015



74.5232, 79.1864, 89.1998



20.0534, 21.0099, 23.2483



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.



73.7736, 76.2882, 88.6799



88.0571, 90.5559, 107.4457



75.1713, 77.0087, 88.7453



15.5923, 15.9845, 19.1858



10.2274, 4.3083, 44.0355



0.9017, 0.3892, 3.4625

Inverse Universe

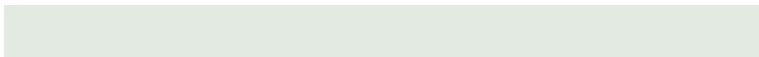
The Inverse Universe completely reimagines the original color for something new.



75.2834, 77.1158, 86.5221



90.4403, 91.8627, 104.0277



74.5843, 80.5578, 82.8562



16.0727, 16.2480, 18.4954



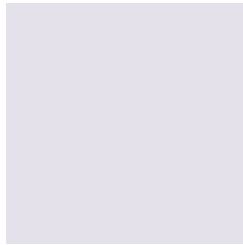
22.5036, 11.2041, 18.9849



1.8114, 0.8975, 1.7240

Previews

White Background



This preview shows how the XYZ color 73.7714, 76.2849, 88.6782 looks on a white background.

Color Contrast Check

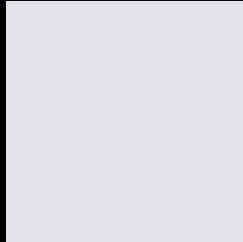
Large Text (above 18pt) WCAG AA × Fail

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 73.7714, 76.2849, 88.6782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

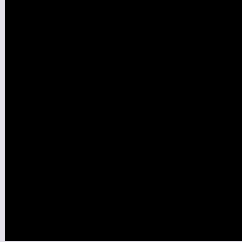
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

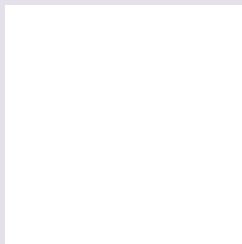
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7714, 76.2849, 88.6782

Background



This preview shows how black text looks on a background with the XYZ color 73.7714, 76.2849, 88.6782.



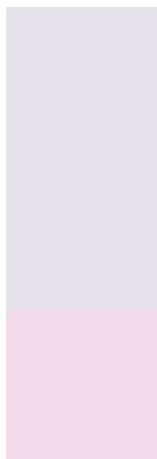
This preview shows how white text looks on a background with the XYZ color 73.7714, 76.2849,

88.6782.

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

73.7714, 76.2849, 88.6782

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

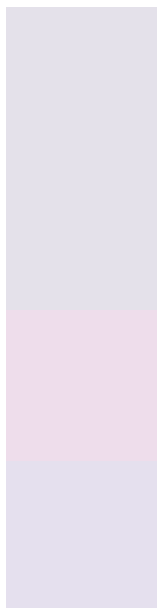
77.6351, 75.8943, 89.1545



Tritanopia

74.8459, 76.3202, 94.0056

Trichromacy



Original Color

73.7714, 76.2849, 88.6782

Protanomaly

73.7714, 76.2849, 88.6782

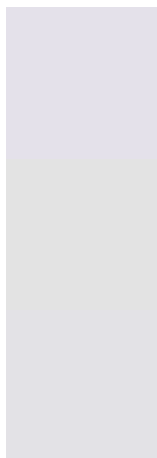
Deuteranomaly

76.1117, 75.8882, 89.2336

Tritanomaly

74.4014, 76.1424, 91.6645

Monochromacy



Original Color

73.7714, 76.2849, 88.6782

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1578, 76.4368, 85.7609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7714, 76.2849, 88.6782 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(228, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(228, 225, 234)  
}
```

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(228, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.7714, 76.2849, 88.6782 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(228, 225, 234) }
```


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

```
.border{ border-color:rgb(228, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(228, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7714, 76.2849, 88.6782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 225, 234) }
```

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

```
.background{ background-color: rgb(228,  
225, 234) }
```

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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