

Converting Colors

XYZ(74.8619, 76.4822, 85.8076)

Have a look what the booklet for
XYZ(74.8619, 76.4822, 85.8076)
contains.

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Color

**XYZ(74.8703, 76.5169,
85.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0E6
RGB	234, 224, 230
RGB Percent	92%, 88%, 90%
CMY	0.0823, 0.1215, 0.0980
CMYK	0.00, 0.04, 0.02, 0.08
HSL	324°, 19%, 90%
HSV	324°, 4%, 92%
XYZ	74.8703, 76.5169, 85.6861
YIQ	227.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

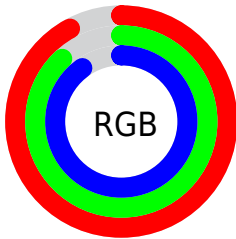
Format	Color
RYB	234, 224, 230
Decimal	15392998
CIELab	90.10, 4.45, -1.72
CIELCh	90, 4.770, 338.864
Yxy	76.5169, 0.3158, 0.3228
Android (android.graphics.Color)	4293583078 (0xFFEAE0E6)
YUV	227.6740, 1.1467, 5.5479
Hunter-Lab	87.4739, -0.2985, 3.1536

Details

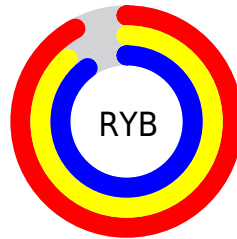
The XYZ color **74.8703, 76.5169, 85.6861** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1698, 80.2964, 84.9924**, and the grayscale version is **73.4964, 77.3239, 84.2057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2859, 40.9361, 46.3356** is the 20% darker color. If you saturate the color by 10%, you get **67.7299, 64.2834, 76.9921**, and if you desaturate by 10%, it is **82.9512, 90.5162, 95.0439**.

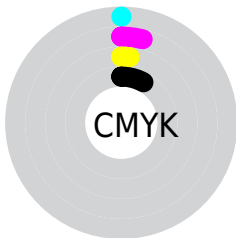
Distribution



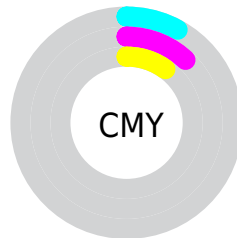
- Red (92%)
- Green (88%)
- Blue (90%)



- Red (92%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8703, 76.5169, 85.6861 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 74.8703, 76.5169, 85.6861 by changing the saturation by 10% instead.

74.8703, 76.5169,
85.6861

74.8703, 76.5169,
85.6861

466.4757,
483.1153, 534.0993

55.8004, 56.8565,
63.8550

125.1176,
128.4573, 143.2140

40.2793, 40.8900,
46.0878

157.0258,
161.5061, 179.7480

27.9416, 28.2332,
31.9660

193.9442,
199.7864, 222.0199

18.4218, 18.5015,
21.0709

236.2380,
243.6827, 270.4485

11.3548, 11.3106,
12.9841

284.2728,
293.5793, 325.4522

6.3751, 6.2762,
7.2870

338.4137,

3.1173, 3.0137,

349.8607, 387.4495

3.5611

399.0262,
412.9112, 456.8590

■ 1.2161, 1.1389,
1.3878

■ 0.1190, 0.0109,
0.1322

■ 74.8703, 76.5169,
85.6861

■ 74.8703, 76.5169,
85.6861

■ 67.7299, 64.2834,
76.9921

■ 82.9512, 90.5162,
95.0439

■ 61.4872, 53.7350,
68.9396

■ 86.7488, 95.8353,
103.3269

■ 56.1057, 44.7996,
61.5117

■ 87.7422, 96.2327,
108.5580

■ 51.5440, 37.3959,
54.6890

■ 47.7567, 31.4356,
48.4504

■ 44.6943, 26.8211,
42.7736

■ 42.3009, 23.4427,
37.6336

■ 40.5118, 21.1733,
33.0026

■ 39.2486, 19.8579,
28.8479

Harmonies

Analogous

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



74.1643, 76.5169, 88.4923



74.8703, 76.5169, 85.6861



74.9987, 76.5169, 82.3137

Triad

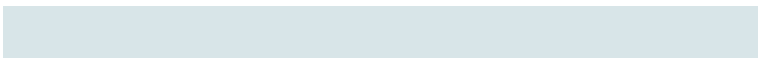
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8703, 76.5169, 85.6861



72.3769, 76.5169, 77.0389



70.9695, 76.5169, 87.4706

Complementary

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



74.8703, 76.5169, 85.6861



74.1698, 80.2964, 84.9924

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.



70.5016, 76.5169, 84.3222



74.8703, 76.5169, 85.6861



71.3084, 76.5169, 78.3416

Square

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



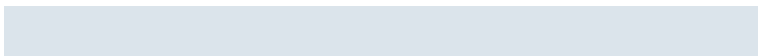
74.8703, 76.5169, 85.6861



73.5507, 76.5169, 77.3817



70.6250, 76.5169, 80.9859



71.9095, 76.5169, 89.5418

Rectangle

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



74.8703, 76.5169, 85.6861



74.7382, 76.5169, 80.2072



70.6250, 76.5169, 80.9859



70.7522, 76.5169, 86.4998

Sweetspot

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



74.8725, 76.5202, 85.6878



94.0780, 98.3182, 107.7677



73.5048, 75.7495, 88.5901



20.1468, 21.0619, 23.0787



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.



74.8725, 76.5202, 85.6878



90.3059, 91.8089, 103.3199



74.1806, 76.2435, 82.0445



16.0456, 16.2372, 18.3527



21.8067, 10.9254, 15.3154



1.7596, 0.8768, 1.4517

Inverse Universe

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



74.8725, 76.5202, 85.6878



90.3059, 91.8089, 103.3199



74.8737, 80.5780, 88.6991



16.0456, 16.2372, 18.3527



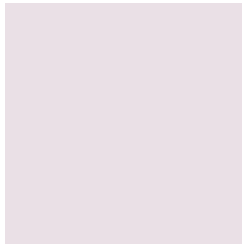
21.8067, 10.9254, 15.3154



1.7596, 0.8768, 1.4517

Previews

White Background



This preview shows how the XYZ color 74.8703, 76.5169, 85.6861 looks on a white background.

Color Contrast Check

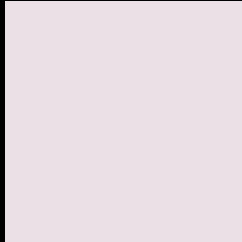
Large Text (above 18pt) WCAG AA × Fail

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 74.8703, 76.5169, 85.6861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

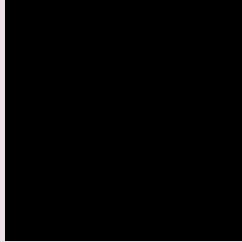
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

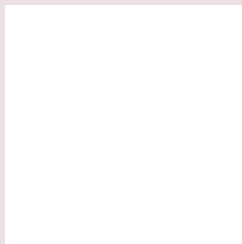
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8703, 76.5169, 85.6861

Background



This preview shows how black text looks on a background with the XYZ color 74.8703, 76.5169, 85.6861.



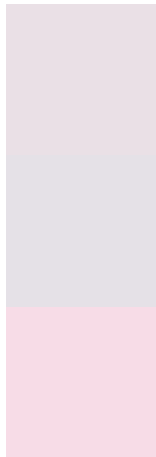
This preview shows how white text looks on a background with the XYZ color 74.8703, 76.5169,

85.6861.

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

74.8703, 76.5169, 85.6861

Protanopia

73.6621, 76.2780, 86.4420

Deuteranopia

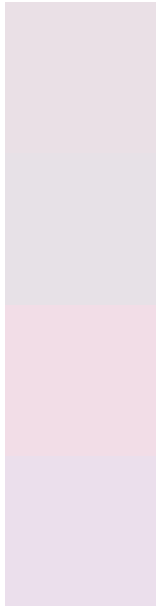
78.3748, 76.7301, 86.2809



Tritanopia

76.1104, 76.1960, 93.1339

Trichromacy



Original Color

74.8703, 76.5169, 85.6861

Protanomaly

74.3040, 76.6089, 86.4721

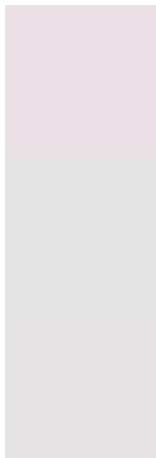
Deuteranomaly

76.8982, 76.3597, 86.2872

Tritanomaly

75.7889, 76.4936, 90.1271

Monochromacy



Original Color

74.8703, 76.5169, 85.6861

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2451, 77.4183, 85.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8703, 76.5169, 85.6861 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(234, 224, 230) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 230)  
}
```

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(234, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.8703, 76.5169, 85.6861 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(234, 224, 230) }
```


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

```
.border{ border-color:rgb(234, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8703, 76.5169, 85.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 230) }
```

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

```
.background{ background-color: rgb(234,  
224, 230) }
```

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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