

Converting Colors

XYZ(74.9986, 76.6383, 86.7110)

Have a look what the booklet for
XYZ(74.9986, 76.6383, 86.7110)
contains.

XYZ(75.0111, 76.5733, 86.4279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.0111, 76.5733,
86.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0E7
RGB	234, 224, 231
RGB Percent	92%, 88%, 91%
CMY	0.0823, 0.1215, 0.0941
CMYK	0.00, 0.04, 0.01, 0.08
HSL	318°, 19%, 90%
HSV	318°, 4%, 92%
XYZ	75.0111, 76.5733, 86.4279
YIQ	227.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

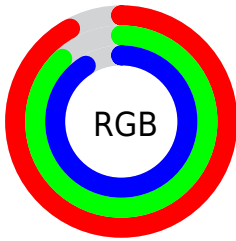
Format	Color
R_{YB}	234, 224, 231
Decimal	15392999
CIE Lab	90.12, 4.63, -2.21
CIE LCh	90, 5.125, 334.501
Yxy	76.5733, 0.3152, 0.3217
Android (android.graphics.Color)	4293583079 (0xFFEAE0E7)
YUV	227.7880, 1.5835, 5.4479
Hunter-Lab	87.5062, -0.1239, 2.6949

Details

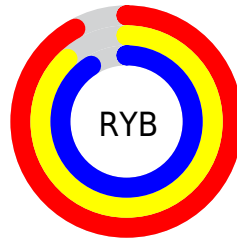
The XYZ color **75.0111, 76.5733, 86.4279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0313, 80.2409, 84.2631**, and the grayscale version is **73.5767, 77.4084, 84.2977**.

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 **68.1786, 64.4629, 79.3553**, and if you desaturate by 10%, it is **82.7532, 90.4371, 94.0020**.

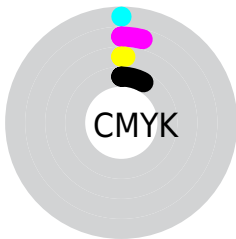
Distribution



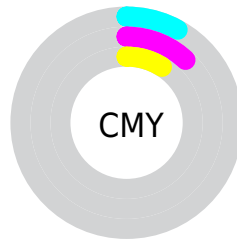
- Red (92%)
- Green (88%)
- Blue (91%)



- Red (92%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0111, 76.5733, 86.4279 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 75.0111, 76.5733, 86.4279 by changing the saturation by 10% instead.

75.0111, 76.5733,
86.4279

75.0111, 76.5733,
86.4279

466.9523,
483.3080, 536.6084

55.9162, 56.9027,
64.4649

125.3159,
128.5370, 144.2583

40.3725, 40.9272,
46.5788

157.2565,
161.5989, 180.9628

28.0146, 28.2622,
32.3508

194.2097,
199.8933, 223.4182

18.4772, 18.5234,
21.3626

236.5409,
243.8048, 272.0432

11.3949, 11.3264,
13.1955

284.6154,
293.7175, 327.2561

6.4023, 6.2868,
7.4310

338.7985,

3.1342, 3.0203,

350.0161, 389.4756

3.6506

399.4557,
413.0847, 459.1202

■ 1.2251, 1.1423,
1.4357

■ 0.1261, 0.0138,
0.1693

■ 75.0111, 76.5733,
86.4279

■ 75.0111, 76.5733,
86.4279

■ 68.1786, 64.4629,
79.3553

■ 82.7532, 90.4371,
94.0020

■ 62.2136, 54.0256,
72.7650

■ 86.1806, 95.6080,
100.3354

■ 57.0802, 45.1895,
66.6437

■ 87.2737, 96.0453,
106.0916

■ 52.7377, 37.8735,
60.9754

■ 87.7421, 96.2326,
108.5580

■ 49.1415, 31.9896,
55.7429

■ 46.2427, 27.4405,
50.9275

■ 43.9861, 24.1168,
46.5082

■ 42.3079, 21.8918,
42.4613

■ 41.1304, 20.6106,
38.7582

Harmonies

Analogous

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



74.1751, 76.5733, 89.2835



75.0111, 76.5733, 86.4279



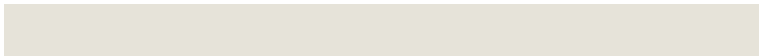
75.2468, 76.5733, 82.8266

Triad

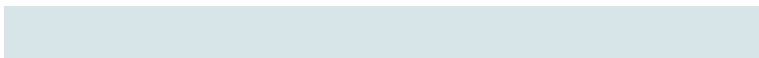
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0111, 76.5733, 86.4279



72.5888, 76.5733, 76.5840



70.7831, 76.5733, 87.4071

Complementary

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



75.0111, 76.5733, 86.4279



74.0313, 80.2409, 84.2631

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.



70.3690, 76.5733, 83.9264



75.0111, 76.5733, 86.4279



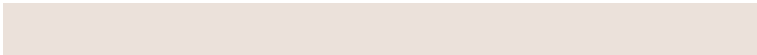
71.4037, 76.5733, 77.7337

Square

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



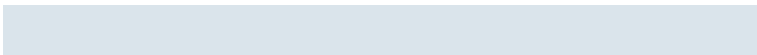
75.0111, 76.5733, 86.4279



73.8388, 76.5733, 77.2101



70.5948, 76.5733, 80.3954



71.7326, 76.5733, 89.8603

Rectangle

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



75.0111, 76.5733, 86.4279



75.0295, 76.5733, 80.5034



70.5948, 76.5733, 80.3954



70.5772, 76.5733, 86.3148

Sweetspot

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



75.0133, 76.5766, 86.4296



94.1189, 98.3346, 107.9830



73.1886, 75.5866, 88.5750



20.1551, 21.0652, 23.1225



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.



75.0133, 76.5766, 86.4296



90.5066, 91.8892, 104.3766



74.3174, 76.2982, 82.7650



16.0861, 16.2533, 18.5658



22.8801, 11.3547, 20.9675



1.8388, 0.9085, 1.8684

Inverse Universe

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



75.0133, 76.5766, 86.4296



90.5066, 91.8892, 104.3766



74.7312, 80.5208, 87.9488



16.0861, 16.2533, 18.5658



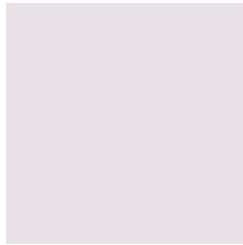
22.8801, 11.3547, 20.9675



1.8388, 0.9085, 1.8684

Previews

White Background



This preview shows how the XYZ color 75.0111, 76.5733, 86.4279 looks on a white background.

Color Contrast Check

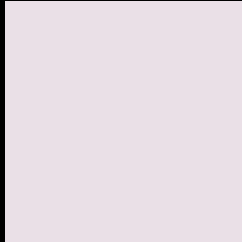
Large Text (above 18pt) WCAG AA × Fail

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 75.0111, 76.5733, 86.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

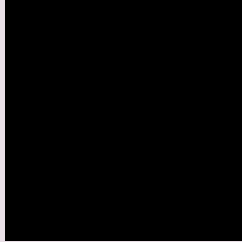
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

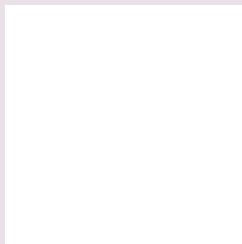
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0111, 76.5733, 86.4279

Background



This preview shows how black text looks on a background with the XYZ color 75.0111, 76.5733, 86.4279.



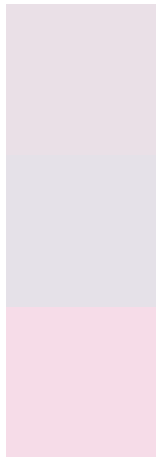
This preview shows how white text looks on a background with the XYZ color 75.0111, 76.5733,

86.4279.

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

75.0111, 76.5733, 86.4279

Protanopia

73.8038, 76.3346, 87.1881

Deuteranopia

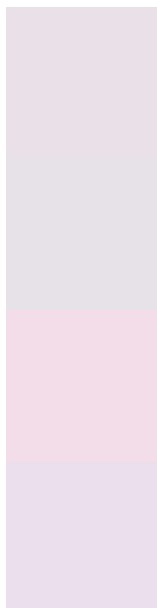
78.1647, 76.6054, 87.0105



Tritanopia

76.3768, 76.7288, 93.2227

Trichromacy



Original Color

75.0111, 76.5733, 86.4279

Protanomaly

74.4457, 76.6655, 87.2182

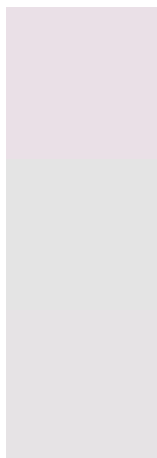
Deuteranomaly

77.0399, 76.4163, 87.0333

Tritanomaly

75.9347, 76.5519, 90.8946

Monochromacy



Original Color

75.0111, 76.5733, 86.4279

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 75.0111, 76.5733, 86.4279 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, 231) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 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(234, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.0111, 76.5733, 86.4279 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, 231) }
```


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

```
.border{ border-color:rgb(234, 224, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0111, 76.5733, 86.4279 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, 231) }
```

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

```
.background{ background-color: rgb(234,  
224, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor