

Converting Colors

XYZ(73.7099, 74.6354, 86.9101)

Have a look what the booklet for
XYZ(73.7099, 74.6354, 86.9101)
contains.

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Color

**XYZ(73.7007, 74.6949,
86.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DDE8
RGB	232, 221, 232
RGB Percent	91%, 87%, 91%
CMY	0.0902, 0.1333, 0.0902
CMYK	0.00, 0.05, 0.00, 0.09
HSL	300°, 19%, 89%
HSV	300°, 5%, 91%
XYZ	73.7007, 74.6949, 86.8770
YIQ	225.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

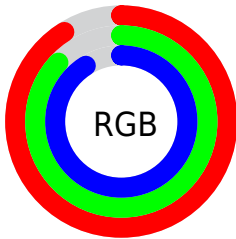
Format	Color
R _Y B	232, 221, 232
Decimal	15261160
CIE Lab	89.25, 5.69, -4.04
CIE LCh	89, 6.976, 324.662
Yxy	74.6949, 0.3133, 0.3175
Android (android.graphics.Color)	4293451240 (0xFFE8DDE8)
YUV	225.5430, 3.1833, 5.6628
Hunter-Lab	86.4262, 0.9716, 0.8991

Details

The XYZ color **73.7007, 74.6949, 86.8770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7294, 78.3080, 79.7450**, and the grayscale version is **71.9370, 75.6833, 82.4191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3772, 39.6371, 46.6496** is the 20% darker color. If you saturate the color by 10%, you get **67.9945, 63.2815, 84.9753**, and if you desaturate by 10%, it is **80.2576, 87.8076, 89.0640**.

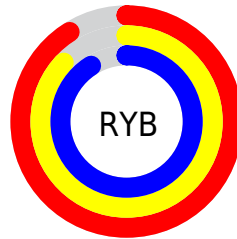
Distribution



Red (91%)

Green (87%)

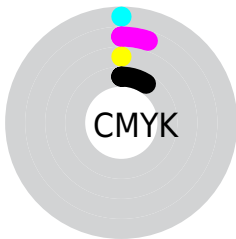
Blue (91%)



Red (91%)

Yellow (87%)

Blue (91%)

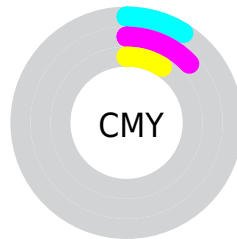


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7007, 74.6949, 86.8770 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 73.7007, 74.6949, 86.8770 by changing the saturation by 10% instead.

73.7007, 74.6949,
86.8770

73.7007, 74.6949,
86.8770

462.5060,
476.8682, 538.1243

54.8395, 55.3630,
64.8344

123.4692,
125.8804, 144.8900

39.5066, 39.6924,
46.8763

155.1073,
158.5027, 181.6975

27.3365, 27.2988,
32.5842

191.7350,
196.3240, 224.2638

17.9640, 17.7978,
21.5396

233.7177,
239.7286, 273.0072

11.0237, 10.8049,
13.3239

281.4208,
289.1010, 328.3465

6.1502, 5.9358,
7.5187

335.2097,

2.9781, 2.8061,

344.8254, 390.7000

3.7052

395.4496,
407.2864, 460.4865

■ 1.1422, 1.0313,
1.4651

■ 0.0600, 0.0000,
0.1917

■ 73.7007, 74.6949,
86.8770

■ 73.7007, 74.6949,
86.8770

■ 67.9945, 63.2815,
84.9753

■ 80.2576, 87.8076,
89.0640

■ 63.0980, 53.4887,
83.3427

■ 83.6052, 94.5025,
90.1804

■ 58.9766, 45.2460,
81.9684

■ 83.6053, 94.5025,
90.1809

■ 55.5905, 38.4740,
80.8392

■ 83.6054, 94.5025,
90.1814

52.8965, 33.0862,
79.9408

83.6055, 94.5026,
90.1819

50.8469, 28.9873,
79.2571

83.6056, 94.5026,
90.1824

49.3880, 26.0695,
78.7703

83.6057, 94.5027,
90.1829

48.4572, 24.2080,
78.4595

83.6058, 94.5027,
90.1835

47.9781, 23.2499,
78.2993

83.6059, 94.5027,
90.1840

Harmonies

Analogous

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



72.3707, 74.6949, 90.1558



73.7007, 74.6949, 86.8770



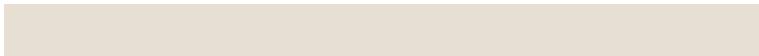
74.3065, 74.6949, 82.2058

Triad

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



73.7007, 74.6949, 86.8770



71.3004, 74.6949, 72.3436



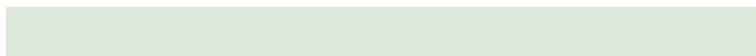
68.0602, 74.6949, 85.3071

Complementary

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



73.7007, 74.6949, 86.8770



71.7294, 78.3080, 79.7450

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.



67.7839, 74.6949, 80.4605



73.7007, 74.6949, 86.8770



69.6374, 74.6949, 73.1000

Square

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



73.7007, 74.6949, 86.8770



72.9066, 74.6949, 73.9157



68.3569, 74.6949, 76.0244



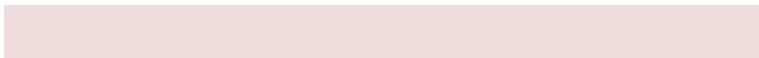
69.1177, 74.6949, 89.2243

Rectangle

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



73.7007, 74.6949, 86.8770



74.2112, 74.6949, 78.9789



68.3569, 74.6949, 76.0244



67.8736, 74.6949, 83.7274

Sweetspot

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



73.7028, 74.6981, 86.8786



94.2419, 98.3838, 108.6306



70.2440, 72.9150, 86.7170



20.1802, 21.0752, 23.2542



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.



73.7028, 74.6981, 86.8786



90.3618, 90.6237, 107.3369



72.9338, 74.3905, 82.8291



15.3458, 15.3165, 18.2918



26.5607, 12.7585, 43.4431



1.9627, 0.9428, 3.2103

Inverse Universe

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



73.7028, 74.6981, 86.8786



90.3618, 90.6237, 107.3369



72.4742, 78.6059, 83.6670



15.3458, 15.3165, 18.2918



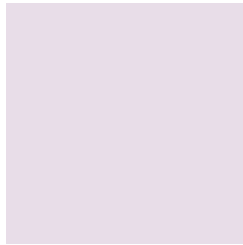
26.5607, 12.7585, 43.4431



1.9627, 0.9428, 3.2103

Previews

White Background



This preview shows how the XYZ color 73.7007, 74.6949, 86.8770 looks on a white background.

Color Contrast Check

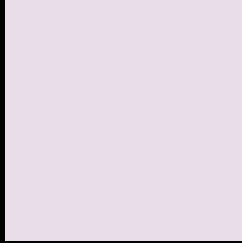
Large Text (above 18pt) WCAG AA × Fail

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 73.7007, 74.6949, 86.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

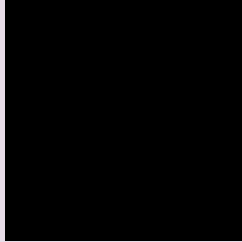
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

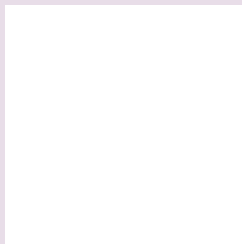
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7007, 74.6949, 86.8770

Background



This preview shows how black text looks on a background with the XYZ color 73.7007, 74.6949, 86.8770.



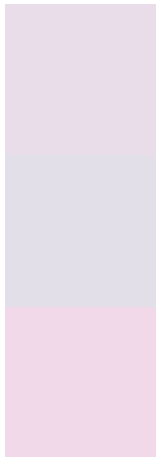
This preview shows how white text looks on a background with the XYZ color 73.7007, 74.6949,

86.8770.

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

73.7007, 74.6949, 86.8770

Protanopia

72.4597, 74.8273, 87.7149

Deuteranopia

76.1388, 74.3861, 87.4358



Tritanopia

74.4835, 74.6245, 90.5990

Trichromacy



Original Color

73.7007, 74.6949, 86.8770

Protanomaly

72.8242, 74.6197, 87.6556

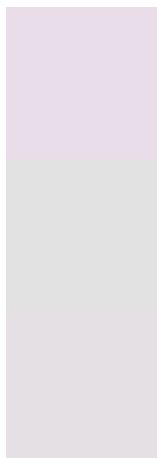
Deuteranomaly

75.0393, 74.2031, 87.4584

Tritanomaly

74.1929, 74.5082, 89.0684

Monochromacy



Original Color

73.7007, 74.6949, 86.8770

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6542, 75.4067, 84.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7007, 74.6949, 86.8770 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(232, 221, 232) looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 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(232, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.7007, 74.6949, 86.8770 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(232, 221, 232) }
```


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

```
.border{ border-color:rgb(232, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7007, 74.6949, 86.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 232) }
```

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

```
.background{ background-color: rgb(232,  
221, 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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