

Converting Colors

XYZ(71.7523, 74.0831, 84.2875)

Have a look what the booklet for
XYZ(71.7523, 74.0831, 84.2875)
contains.

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Color

**XYZ(71.9427, 74.2306,
84.6649)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEE5
RGB	227, 222, 229
RGB Percent	89%, 87%, 90%
CMY	0.1098, 0.1294, 0.1020
CMYK	0.01, 0.03, 0.00, 0.10
HSL	283°, 12%, 88%
HSV	283°, 3%, 90%
XYZ	71.9427, 74.2306, 84.6649
YIQ	224.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

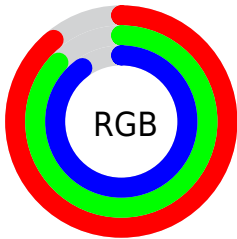
Format	Color
R _{YB}	227, 222, 229
Decimal	14933733
CIE Lab	89.03, 2.95, -2.82
CIE LCh	89, 4.085, 316.262
Yxy	74.2306, 0.3117, 0.3216
Android (android.graphics.Color)	4293123813 (0xFFE3DEE5)
YUV	224.2930, 2.3206, 2.3740
Hunter-Lab	86.1572, -1.7246, 2.0470

Details

The XYZ color **71.9427, 74.2306, 84.6649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9474, 77.1618, 80.2127**, and the grayscale version is **71.0464, 74.7464, 81.3988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4720, 39.4641, 45.6340** is the 20% darker color. If you saturate the color by 10%, you get **64.2439, 61.8393, 82.6800**, and if you desaturate by 10%, it is **80.5504, 88.3209, 86.9320**.

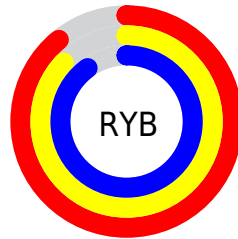
Distribution



Red (89%)

Green (87%)

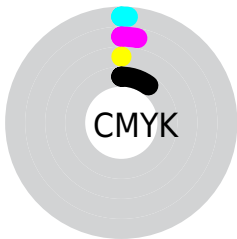
Blue (90%)



Red (89%)

Yellow (87%)

Blue (90%)

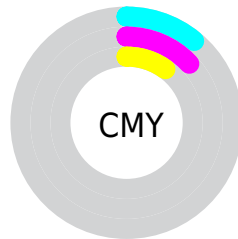


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9427, 74.2306, 84.6649 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 71.9427, 74.2306, 84.6649 by changing the saturation by 10% instead.

■ 71.9427, 74.2306,
84.6649

■ 71.9427, 74.2306,
84.6649

456.5029,
475.2689, 530.6342

■ 53.3972, 54.9828,
63.0160

120.9863,
125.2226, 141.7749

■ 38.3487, 39.3879,
45.4131

152.2151,
157.7357, 178.0731

■ 26.4319, 27.0617,
31.4376

188.4023,
195.4392, 220.0914

■ 17.2814, 17.6195,
20.6710

229.9134,
238.7177, 268.2484

■ 10.5318, 10.6772,
12.6949

277.1136,
287.9555, 322.9626

■ 5.8179, 5.8502,
7.0905

330.3684,

■ 2.7743, 2.7542,

343.5371, 384.6527

3.4395

390.0430,
405.8467, 453.7370

■ 1.0356, 1.0048,
1.3232

■ 0.0000, 0.0000,
0.0807

■ 71.9427, 74.2306,
84.6649

■ 71.9427, 74.2306,
84.6649

■ 64.2439, 61.8393,
82.6800

■ 80.5504, 88.3209,
86.9320

■ 57.4136, 51.0708,
80.9615

■ 85.8703, 95.7190,
88.0796

■ 51.4178, 41.8573,
79.4991

■ 88.1342, 96.8861,
88.1856

■ 46.2176, 34.1224,
78.2802

■ 90.4792, 98.0950,
88.2953

■ 41.7710, 27.7832,
77.2910

■ 91.1431, 98.4372,
88.3264

■ 38.0315, 22.7484,
76.5163

■ 34.9472, 18.9156,
75.9390

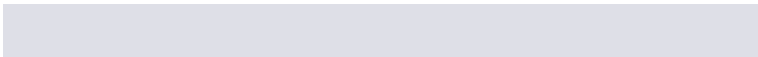
■ 32.4586, 16.1667,
75.5396

■ 30.4933, 14.3590,
75.2943

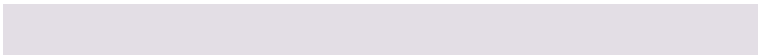
Harmonies

Analogous

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



71.0901, 74.2306, 86.1893



71.9427, 74.2306, 84.6649



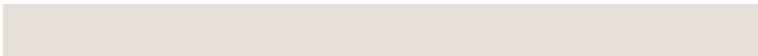
72.4253, 74.2306, 82.1303

Triad

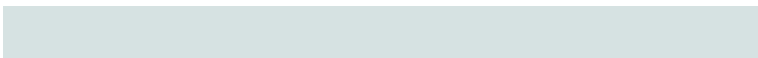
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9427, 74.2306, 84.6649



71.0084, 74.2306, 75.6274



68.7365, 74.2306, 82.3657

Complementary

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



71.9427, 74.2306, 84.6649



71.9474, 77.1618, 80.2127

Split Complementary

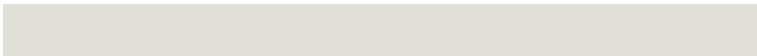
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.7152, 74.2306, 79.5326



71.9427, 74.2306, 84.6649



70.0206, 74.2306, 75.6871

Square

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



71.9427, 74.2306, 84.6649



71.8825, 74.2306, 76.9371



69.1832, 74.2306, 77.1020



69.2419, 74.2306, 84.8407

Rectangle

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



71.9427, 74.2306, 84.6649



72.4693, 74.2306, 80.2295



69.1832, 74.2306, 77.1020



68.6727, 74.2306, 81.4225

Sweetspot

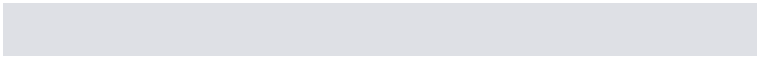
The Sweet Spot groups the original color and five complimentary colors.



71.9448, 74.2338, 84.6665



93.9742, 98.2458, 108.6181



70.9526, 74.5550, 84.7808



20.1257, 21.0471, 23.2517



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.



71.9448, 74.2338, 84.6665



90.8173, 93.1150, 107.7942



72.3847, 74.4830, 83.6712



15.3743, 15.6900, 18.3625



16.9092, 7.7829, 42.9942



1.3399, 0.6217, 3.1813

Inverse Universe

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



71.8916, 74.2858, 81.0743



90.7311, 93.2035, 101.7840



71.5195, 76.9195, 81.1759



15.3575, 15.7079, 17.1613



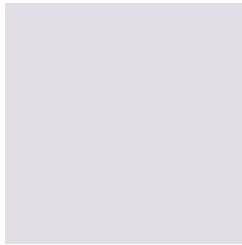
19.0732, 9.7635, 4.0144



1.4485, 0.7371, 0.5023

Previews

White Background



This preview shows how the XYZ color 71.9427, 74.2306, 84.6649 looks on a white background.

Color Contrast Check

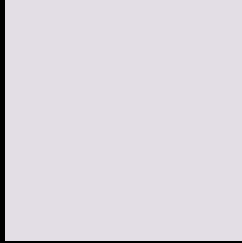
Large Text (above 18pt) WCAG AA × Fail

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 71.9427, 74.2306, 84.6649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

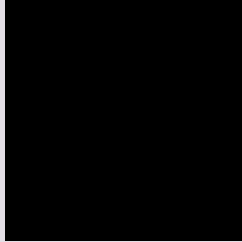
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

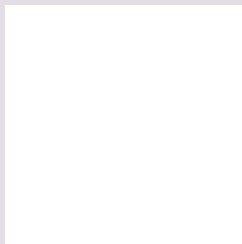
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9427, 74.2306, 84.6649

Background



This preview shows how black text looks on a background with the XYZ color 71.9427, 74.2306, 84.6649.



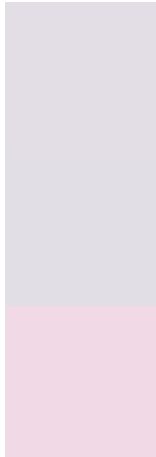
This preview shows how white text looks on a background with the XYZ color 71.9427, 74.2306,

84.6649.

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

71.9427, 74.2306, 84.6649

Protanopia

71.6282, 74.0684, 84.6502

Deuteranopia

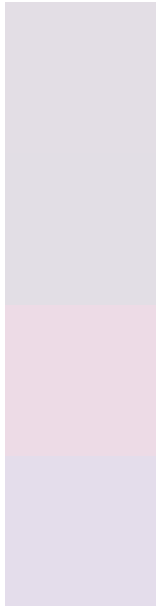
75.7137, 74.2161, 85.1975



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

71.9427, 74.2306, 84.6649

Protanomaly

71.6282, 74.0684, 84.6502

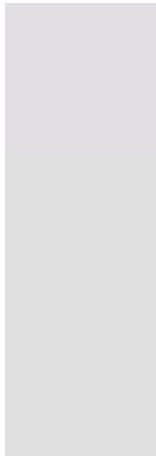
Deuteranomaly

74.5395, 74.3807, 85.2912

Tritanomaly

72.8468, 74.2050, 89.0808

Monochromacy



Original Color

71.9427, 74.2306, 84.6649

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1665, 74.2739, 82.5369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9427, 74.2306, 84.6649 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(227, 222, 229) looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 229)  
}
```

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(227, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 229) }
```

Border

The CSS property to change the border of an element to XYZ 71.9427, 74.2306, 84.6649 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(227, 222, 229) }
```


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

```
.border{ border-color:rgb(227, 222, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 229);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9427, 74.2306, 84.6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 229) }
```

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

```
.background{ background-color: rgb(227,  
222, 229) }
```

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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