

Converting Colors

XYZ(73.2073, 74.8578, 87.6817)

Have a look what the booklet for
XYZ(73.2073, 74.8578, 87.6817)
contains.

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Color

**XYZ(73.1424, 74.7838,
87.6705)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DEE9
RGB	229, 222, 233
RGB Percent	90%, 87%, 91%
CMY	0.1020, 0.1294, 0.0863
CMYK	0.02, 0.05, 0.00, 0.09
HSL	278°, 20%, 89%
HSV	278°, 5%, 91%
XYZ	73.1424, 74.7838, 87.6705
YIQ	225.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

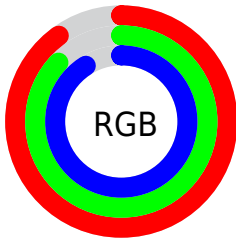
Format	Color
R _Y B	229, 222, 233
Decimal	15064809
CIE Lab	89.29, 4.35, -4.53
CIE LCh	89, 6.276, 313.851
Yxy	74.7838, 0.3105, 0.3174
Android (android.graphics.Color)	4293254889 (0xFFE5DEE9)
YUV	225.3470, 3.7729, 3.2037
Hunter-Lab	86.4776, -0.3613, 0.4265

Details

The XYZ color **73.1424, 74.7838, 87.6705** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6906, 79.7225, 80.6151**, and the grayscale version is **71.7929, 75.5317, 82.2541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2101, 39.8104, 47.2126** is the 20% darker color. If you saturate the color by 10%, you get **64.7386, 61.8925, 85.6263**, and if you desaturate by 10%, it is **82.5377, 89.4599, 90.0092**.

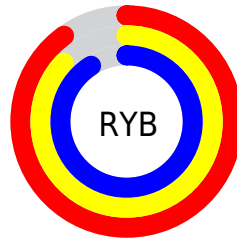
Distribution



Red (90%)

Green (87%)

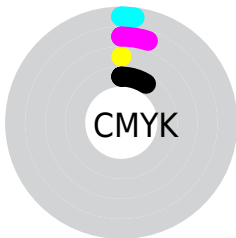
Blue (91%)



Red (90%)

Yellow (87%)

Blue (91%)

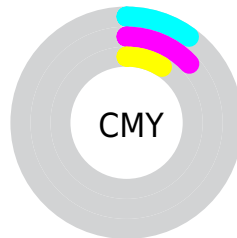


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1424, 74.7838, 87.6705 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 73.1424, 74.7838, 87.6705 by changing the saturation by 10% instead.

73.1424, 74.7838,
87.6705

73.1424, 74.7838,
87.6705

460.6043,
477.1741, 540.7969

54.3812, 55.4358,
65.4874

122.6814,
126.0063, 146.0054

39.1384, 39.7507,
47.4026

154.1899,
158.6495, 182.9944

27.0486, 27.3443,
32.9974

190.6782,
196.4933, 225.7557

17.7465, 17.8319,
21.8534

232.5117,
239.9220, 274.7080

10.8667, 10.8294,
13.5519

280.0557,
289.3201, 330.2697

6.0439, 5.9522,
7.6745

333.6755,

2.9127, 2.8161,

345.0719, 392.8594

3.8026

393.7367,
407.5617, 462.8956

■ 1.1078, 1.0365,
1.5177

■ 0.0316, 0.0000,
0.2311

■ 73.1424, 74.7838,
87.6705

■ 73.1424, 74.7838,
87.6705

■ 64.7386, 61.8925,
85.6263

■ 82.5377, 89.4599,
90.0092

■ 57.2832, 50.7058,
83.8600

■ 88.4576, 96.9875,
91.1502

■ 50.7391, 41.1513,
82.3607

■ 91.4980, 98.5549,
91.2925

■ 45.0643, 33.1479,
81.1150

■ 91.7082, 98.6633,
91.3023

■ 40.2131, 26.6071,
80.1081

■ 36.1353, 21.4314,
79.3241

■ 32.7744, 17.5111,
78.7445

■ 30.0651, 14.7189,
78.3484

■ 27.9280, 12.8990,
78.1097

Harmonies

Analogous

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



71.7881, 74.7838, 89.9053



73.1424, 74.7838, 87.6705



73.9502, 74.7838, 83.7986

Triad

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



73.1424, 74.7838, 87.6705



71.9031, 74.7838, 73.5809



68.2548, 74.7838, 83.4655

Complementary

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



73.1424, 74.7838, 87.6705



73.6906, 79.7225, 80.6151

Split Complementary

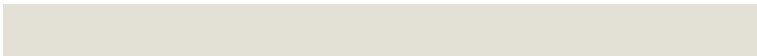
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2846, 74.7838, 79.1003



73.1424, 74.7838, 87.6705



70.3761, 74.7838, 73.4990

Square

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



73.1424, 74.7838, 87.6705



73.2277, 74.7838, 75.7149



69.0563, 74.7838, 75.4869



68.9743, 74.7838, 87.4191

Rectangle

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



73.1424, 74.7838, 87.6705



74.0629, 74.7838, 80.8609



69.0563, 74.7838, 75.4869



68.1779, 74.7838, 81.9954

Sweetspot

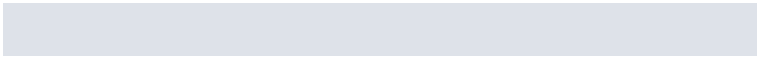
The Sweet Spot groups the original color and five complimentary colors.



73.1446, 74.7870, 87.6721



93.9015, 98.2083, 108.6147



72.0406, 75.8267, 87.9310



20.1109, 21.0395, 23.2510



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.



73.1446, 74.7870, 87.6721



88.3439, 89.5834, 107.2428



74.2270, 75.3692, 86.6339



15.6869, 15.8462, 19.1541



15.4413, 6.9962, 44.2795



1.3174, 0.6034, 3.4819

Inverse Universe

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



73.4557, 75.0606, 82.5719



88.8338, 90.0125, 99.2909



72.6482, 79.1623, 81.5967



15.7835, 15.9305, 17.5944



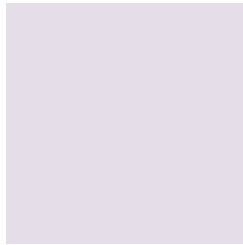
20.0469, 10.2215, 6.0485



1.6190, 0.8205, 0.7108

Previews

White Background



This preview shows how the XYZ color 73.1424, 74.7838, 87.6705 looks on a white background.

Color Contrast Check

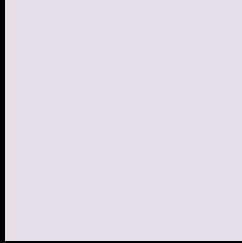
Large Text (above 18pt) WCAG AA × Fail

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 73.1424, 74.7838, 87.6705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

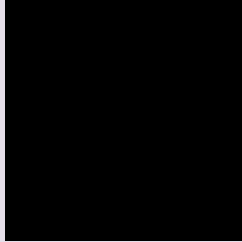
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

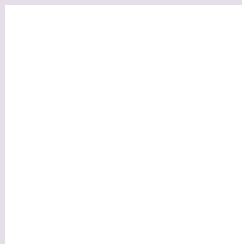
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1424, 74.7838, 87.6705

Background



This preview shows how black text looks on a background with the XYZ color 73.1424, 74.7838, 87.6705.



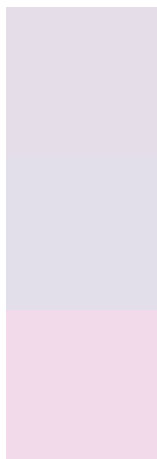
This preview shows how white text looks on a background with the XYZ color 73.1424, 74.7838,

87.6705.

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

73.1424, 74.7838, 87.6705

Protanopia

72.6030, 74.8846, 88.4695

Deuteranopia

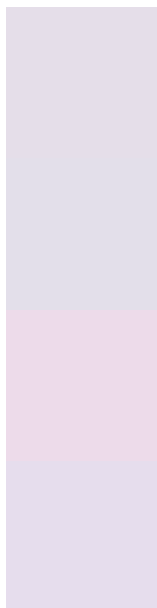
76.5406, 74.9606, 88.2766



Tritanopia

74.0696, 74.7679, 92.1891

Trichromacy



Original Color

73.1424, 74.7838, 87.6705

Protanomaly

72.9175, 75.0468, 88.4842

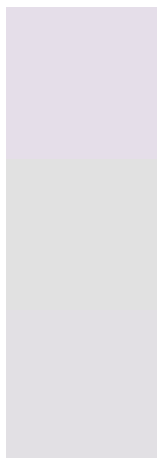
Deuteranomaly

75.1079, 74.6081, 88.2841

Tritanomaly

73.7756, 74.6503, 90.6413

Monochromacy



Original Color

73.1424, 74.7838, 87.6705

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0233, 75.0815, 84.0949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1424, 74.7838, 87.6705 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(229, 222, 233) looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 233)  
}
```

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(229, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 233) }
```

Border

The CSS property to change the border of an element to XYZ 73.1424, 74.7838, 87.6705 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(229, 222, 233) }
```


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

```
.border{ border-color:rgb(229, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1424, 74.7838, 87.6705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 233) }
```

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

```
.background{ background-color: rgb(229,  
222, 233) }
```

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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