

Converting Colors

XYZ(72.4355, 74.3112, 81.6712)

Have a look what the booklet for
XYZ(72.4355, 74.3112, 81.6712)
contains.

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Color

**XYZ(72.4021, 74.1381,
81.7282)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DDE1
RGB	231, 221, 225
RGB Percent	91%, 87%, 88%
CMY	0.0941, 0.1333, 0.1176
CMYK	0.00, 0.04, 0.03, 0.09
HSL	336°, 17%, 89%
HSV	336°, 4%, 91%
XYZ	72.4021, 74.1381, 81.7282
YIQ	224.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

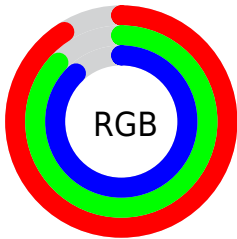
Format	Color
R _Y B	231, 221, 225
Decimal	15195617
CIE Lab	88.99, 4.11, -0.75
CIE LCh	89, 4.175, 349.683
Yxy	74.1381, 0.3172, 0.3248
Android (android.graphics.Color)	4293385697 (0xFFE7DDE1)
YUV	224.4460, 0.2731, 5.7479
Hunter-Lab	86.1035, -0.5853, 3.9952

Details

The XYZ color **72.4021, 74.1381, 81.7282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2627, 78.0721, 83.9378**, and the grayscale version is **71.1682, 74.8745, 81.5383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5711, 39.2887, 43.5808** is the 20% darker color. If you saturate the color by 10%, you get **64.9028, 62.0440, 70.2722**, and if you desaturate by 10%, it is **80.8983, 87.9783, 94.2763**.

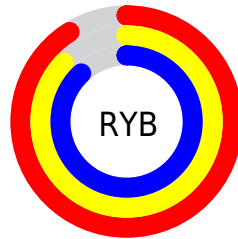
Distribution



Red (91%)

Green (87%)

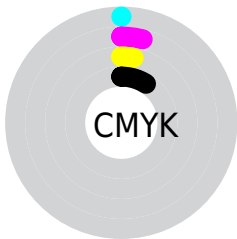
Blue (88%)



Red (91%)

Yellow (87%)

Blue (88%)

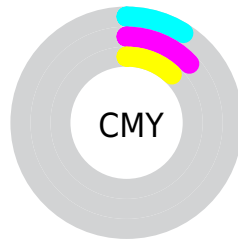


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4021, 74.1381, 81.7282 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 72.4021, 74.1381, 81.7282 by changing the saturation by 10% instead.

72.4021, 74.1381,
81.7282

72.4021, 74.1381,
81.7282

458.0759,
474.9499, 520.5976

53.7738, 54.9071,
60.6070

121.6358,
125.0916, 137.6260

38.6508, 39.3273,
43.4796

152.9719,
157.5828, 173.2398

26.6677, 27.0145,
29.9274

189.2746,
195.2629, 214.5214

17.4591, 17.5841,
19.5319

230.9094,
238.5162, 261.8896

10.6597, 10.6518,
11.8746

278.2416,
287.7271, 315.7627

5.9041, 5.8332,
6.5368

331.6365,

2.8270, 2.7439,

343.2802, 376.5594

3.1001

391.4595,
405.5596, 444.6982

■ 1.0629, 0.9996,
1.1460

■ 0.0000, 0.0000,
0.0000

■ 72.4021, 74.1381,
81.7282

■ 72.4021, 74.1381,
81.7282

■ 64.9028, 62.0440,
70.2722

■ 80.8983, 87.9783,
94.2763

■ 58.3566, 51.6170,
59.8730

■ 86.4026, 95.5840,
106.6013

■ 52.7253, 42.7858,
50.5002

■ 86.7655, 95.7292,
108.5123

■ 47.9659, 35.4706,
42.1201

■ 44.0317, 29.5847,
34.6971

■ 40.8714, 25.0322,
28.1928

■ 38.4276, 21.7055,
22.5660

■ 36.6341, 19.4800,
17.7713

■ 35.4112, 18.2039,
13.7572

Harmonies

Analogous

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



71.9634, 74.1381, 84.3916



72.4021, 74.1381, 81.7282



72.3182, 74.1381, 78.8573

Triad

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



72.4021, 74.1381, 81.7282



69.8113, 74.1381, 75.5785



69.2118, 74.1381, 85.0575

Complementary

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



72.4021, 74.1381, 81.7282



72.2627, 78.0721, 83.9378

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.



68.6458, 74.1381, 82.6195



72.4021, 74.1381, 81.7282



68.9896, 74.1381, 77.1638

Square

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



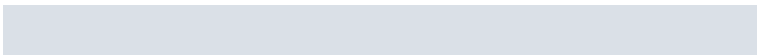
72.4021, 74.1381, 81.7282



70.8159, 74.1381, 75.3528



68.5648, 74.1381, 79.7276



70.1173, 74.1381, 86.3441

Rectangle

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



72.4021, 74.1381, 81.7282



71.9775, 74.1381, 77.2098



68.5648, 74.1381, 79.7276



68.9759, 74.1381, 84.3428

Sweetspot

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



72.4042, 74.1413, 81.7298



93.9964, 98.2856, 107.3379



71.9615, 73.8168, 86.0577



20.1302, 21.0552, 22.9912



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.



72.4042, 74.1413, 81.7298



89.9087, 91.6500, 101.2281



72.1300, 74.4552, 78.9801



15.2339, 15.4639, 17.1106



19.6238, 9.9838, 6.9141



1.4950, 0.7557, 0.7471

Inverse Universe

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



72.4042, 74.1413, 81.7298



89.9087, 91.6500, 101.2281



72.5418, 77.7373, 86.7839



15.2339, 15.4639, 17.1106



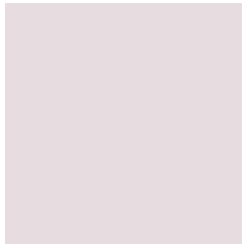
19.6238, 9.9838, 6.9141



1.4950, 0.7557, 0.7471

Previews

White Background



This preview shows how the XYZ color 72.4021, 74.1381, 81.7282 looks on a white background.

Color Contrast Check

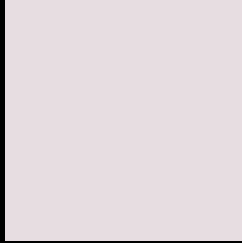
Large Text (above 18pt) WCAG AA × Fail

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 72.4021, 74.1381, 81.7282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

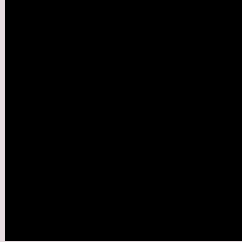
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

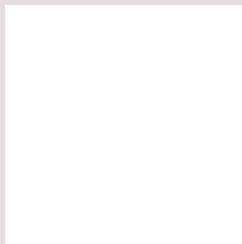
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4021, 74.1381, 81.7282

Background



This preview shows how black text looks on a background with the XYZ color 72.4021, 74.1381, 81.7282.



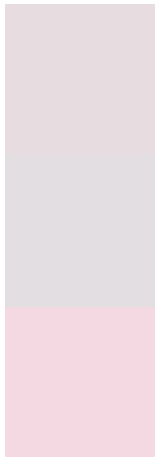
This preview shows how white text looks on a background with the XYZ color 72.4021, 74.1381,

81.7282.

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

72.4021, 74.1381, 81.7282

Protanopia

71.5273, 74.0644, 82.4775

Deuteranopia

75.5916, 73.8358, 82.2191



Tritanopia

74.0761, 74.0428, 89.7443

Trichromacy



Original Color

72.4021, 74.1381, 81.7282

Protanomaly

71.8437, 74.2275, 82.4923

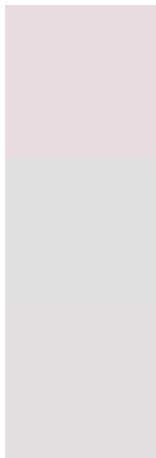
Deuteranomaly

74.3955, 73.9845, 82.3109

Tritanomaly

73.4374, 74.1684, 86.7893

Monochromacy



Original Color

72.4021, 74.1381, 81.7282

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5208, 74.4881, 81.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4021, 74.1381, 81.7282 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(231, 221, 225) looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 225)  
}
```

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(231, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.4021, 74.1381, 81.7282 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(231, 221, 225) }
```


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

```
.border{ border-color:rgb(231, 221, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4021, 74.1381, 81.7282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 225) }
```

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

```
.background{ background-color: rgb(231,  
221, 225) }
```

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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