

Converting Colors

XYZ(71.0352, 72.9092, 87.4149)

Have a look what the booklet for
XYZ(71.0352, 72.9092, 87.4149)
contains.

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Color

**XYZ(71.0416, 72.9169,
87.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCE9
RGB	224, 220, 233
RGB Percent	88%, 86%, 91%
CMY	0.1216, 0.1372, 0.0863
CMYK	0.04, 0.06, 0.00, 0.09
HSL	258°, 23%, 89%
HSV	258°, 6%, 91%
XYZ	71.0416, 72.9169, 87.4209
YIQ	222.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

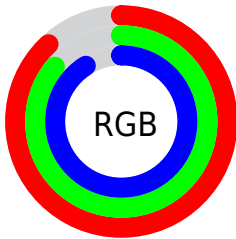
Format	Color
RYB	224, 220, 233
Decimal	14736617
CIELab	88.41, 3.73, -5.87
CIELCh	88, 6.956, 302.401
Yxy	72.9169, 0.3070, 0.3151
Android (android.graphics.Color)	4292926697 (0xFFE0DCE9)
YUV	222.6780, 5.0887, 1.1594
Hunter-Lab	85.3914, -0.9314, -0.9252

Details

The XYZ color **71.0416, 72.9169, 87.4209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3732, 80.1052, 79.2558**, and the grayscale version is **69.8786, 73.5177, 80.0608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7531, 38.5196, 47.0402** is the 20% darker color. If you saturate the color by 10%, you get **60.5822, 59.0725, 85.3010**, and if you desaturate by 10%, it is **82.8321, 88.7168, 89.8503**.

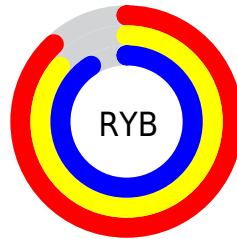
Distribution



Red (88%)

Green (86%)

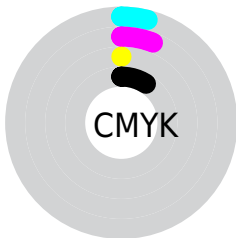
Blue (91%)



Red (88%)

Yellow (86%)

Blue (91%)

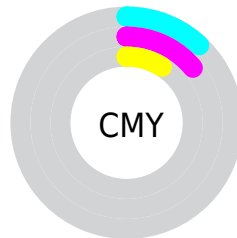


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (14%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0416, 72.9169, 87.4209 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 71.0416, 72.9169, 87.4209 by changing the saturation by 10% instead.

■ 71.0416, 72.9169,
87.4209

■ 71.0416, 72.9169,
87.4209

453.4084,
470.7267, 539.9570

■ 52.6588, 53.9080,
65.2820

119.7111,
123.3592, 145.6547

■ 37.7568, 38.5281,
47.2370

150.7286,
155.5615, 182.5866

■ 25.9704, 26.3928,
32.8673

186.6883,
192.9303, 225.2867

■ 16.9340, 17.1178,
21.7545

227.9557,
235.8501, 274.1733

■ 10.2825, 10.3185,
13.4801

274.8960,
284.7052, 329.6652

■ 5.6504, 5.6106,
7.6253

327.8747,

■ 2.6723, 2.6098,

339.8801, 392.1807

3.7719

387.2570,
401.7592, 462.1385

■ 0.9829, 0.9316,
1.5010

■ 0.0000, 0.0000,
0.2187

■ 71.0416, 72.9169,
87.4209

■ 71.0416, 72.9169,
87.4209

■ 60.5822, 59.0725,
85.3010

■ 82.8321, 88.7168,
89.8503

■ 51.3994, 47.0972,
83.4736

■ 91.7082, 98.6633,
91.3023

■ 43.4441, 36.9123,
81.9270

■ 36.6615, 28.4295,
80.6471

■ 30.9924, 21.5529,
79.6186

■ 26.3721, 16.1769,
78.8244

■ 22.7285, 12.1829,
78.2455

■ 19.9795, 9.4332,
77.8597

■ 18.0261, 7.7598,
77.6396

Harmonies

Analogous

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



69.4401, 72.9169, 88.9489



71.0416, 72.9169, 87.4209



72.1924, 72.9169, 83.7346

Triad

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



71.0416, 72.9169, 87.4209



70.8048, 72.9169, 71.5141



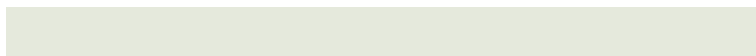
66.1439, 72.9169, 79.7804

Complementary

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



71.0416, 72.9169, 87.4209



74.3732, 80.1052, 79.2558

Split Complementary

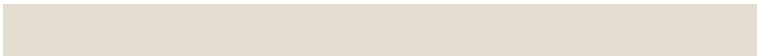
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4963, 72.9169, 75.2063



71.0416, 72.9169, 87.4209



69.1708, 72.9169, 70.5493

Square

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



71.0416, 72.9169, 87.4209



72.0541, 72.9169, 74.5639



67.5976, 72.9169, 71.8743



66.6273, 72.9169, 84.4285

Rectangle

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



71.0416, 72.9169, 87.4209



72.5397, 72.9169, 80.6173



67.5976, 72.9169, 71.8743



66.1685, 72.9169, 78.1833

Sweetspot

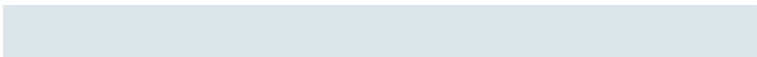
The Sweet Spot groups the original color and five complimentary colors.



71.0437, 72.9200, 87.4225



92.1571, 96.1254, 108.3046



72.2727, 77.1952, 88.1829



19.7557, 20.6154, 23.1879



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.



71.0437, 72.9200, 87.4225



85.2151, 86.8657, 106.8832



73.0652, 73.9621, 87.5171



15.1128, 15.3655, 19.0916



9.9581, 4.1695, 44.0229



0.8771, 0.3764, 3.4613

Inverse Universe

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



73.3430, 74.1706, 84.5835



88.7464, 88.7868, 102.5015



72.3680, 79.0715, 79.1620



15.7911, 15.7345, 18.2484



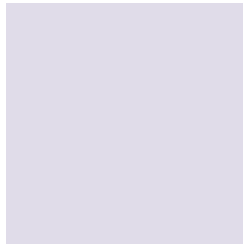
22.7938, 11.3202, 20.5134



1.8325, 0.9060, 1.8355

Previews

White Background



This preview shows how the XYZ color 71.0416, 72.9169, 87.4209 looks on a white background.

Color Contrast Check

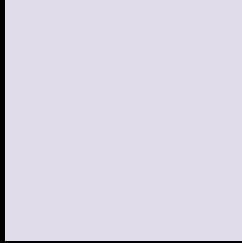
Large Text (above 18pt) WCAG AA × Fail

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 71.0416, 72.9169, 87.4209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

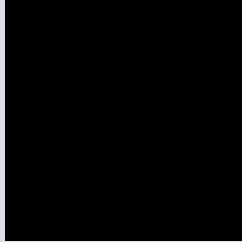
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

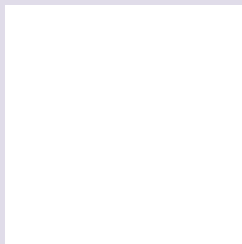
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0416, 72.9169, 87.4209

Background



This preview shows how black text looks on a background with the XYZ color 71.0416, 72.9169, 87.4209.



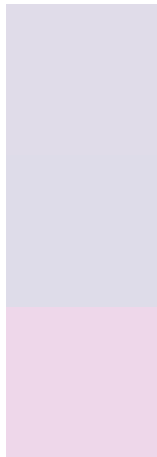
This preview shows how white text looks on a background with the XYZ color 71.0416, 72.9169,

87.4209.

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

71.0416, 72.9169, 87.4209

Protanopia

70.4254, 72.5992, 87.3920

Deuteranopia

74.4116, 72.7185, 87.9561



Tritanopia

71.6689, 72.7850, 90.3923

Trichromacy



Original Color

71.0416, 72.9169, 87.4209

Protanomaly

70.7326, 72.7576, 87.4064

Deuteranomaly

73.2684, 72.8899, 88.0494

Tritanomaly

71.5232, 72.7267, 89.6249

Monochromacy



Original Color

71.0416, 72.9169, 87.4209

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4178, 73.4766, 83.1440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0416, 72.9169, 87.4209 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(224, 220, 233) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 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(224, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 233) }
```

Border

The CSS property to change the border of an element to XYZ 71.0416, 72.9169, 87.4209 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(224, 220, 233) }
```


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

```
.border{ border-color:rgb(224, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0416, 72.9169, 87.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 233) }
```

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

```
.background{ background-color: rgb(224,  
220, 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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