

Converting Colors

XYZ(72.9431, 71.8257, 84.7839)

Have a look what the booklet for
XYZ(72.9431, 71.8257, 84.7839)
contains.

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Color

**XYZ(72.9216, 71.6392,
84.8473)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD6E6
RGB	236, 214, 230
RGB Percent	93%, 84%, 90%
CMY	0.0745, 0.1608, 0.0980
CMYK	0.00, 0.09, 0.03, 0.07
HSL	316°, 37%, 88%
HSV	316°, 9%, 93%
XYZ	72.9216, 71.6392, 84.8473
YIQ	222.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

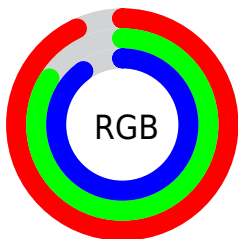
Format	Color
R _Y B	236, 214, 230
Decimal	15521510
CIE Lab	87.79, 10.34, -5.09
CIE LCh	88, 11.523, 333.797
Yxy	71.6392, 0.3179, 0.3123
Android (android.graphics.Color)	4293711590 (0xFFECD6E6)
YUV	222.4020, 3.7458, 11.9254
Hunter-Lab	84.6399, 5.6669, -0.1873

Details

The XYZ color **72.9216, 71.6392, 84.8473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6481, 79.4563, 79.3271**, and the grayscale version is **69.6875, 73.3166, 79.8418**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9584, 37.5947, 45.7606** is the 20% darker color. If you saturate the color by 10%, you get **66.4894, 60.1941, 78.3255**, and if you desaturate by 10%, it is **80.2566, 84.8345, 91.8365**.

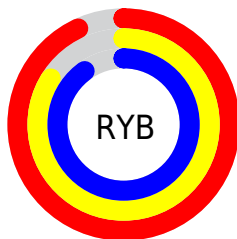
Distribution



Red (93%)

Green (84%)

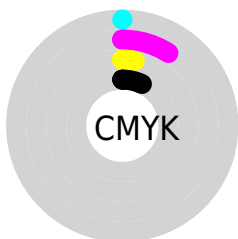
Blue (90%)



Red (93%)

Yellow (84%)

Blue (90%)

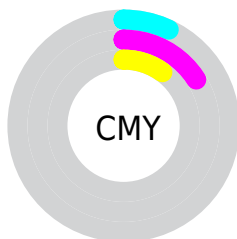


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9216, 71.6392, 84.8473 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 72.9216, 71.6392, 84.8473 by changing the saturation by 10% instead.

72.9216, 71.6392,
84.8473

72.9216, 71.6392,
84.8473

459.8510,
466.2848, 531.2541

54.2000, 52.8640,
63.1658

122.3696,
121.5434, 142.0321

38.9929, 37.6942,
45.5335

153.8268,
153.4412, 178.3724

26.9349, 25.7454,
31.5318

190.2598,
190.4821, 220.4361

17.6607, 16.6333,
20.7423

232.0342,
233.0503, 268.6418

10.8049, 9.9734,
12.7464

279.5151,
281.5302, 323.4078

6.0021, 5.3813,
7.1255

333.0680,

2.8870, 2.4727,

336.3064, 385.1529

3.4610

393.0582,
397.7631, 454.2954

■ 1.0943, 0.8629,
1.3346

■ 0.0203, 0.0000,
0.0899

■ 72.9216, 71.6392,
84.8473

■ 72.9216, 71.6392,
84.8473

■ 66.4894, 60.1941,
78.3255

■ 80.2566, 84.8345,
91.8365

■ 60.9164, 50.4156,
72.2523

■ 86.5116, 95.8167,
98.6312

■ 56.1647, 42.2272,
66.6140

■ 87.5005, 96.2123,
103.8388

■ 52.1908, 35.5429,
61.3944

■ 88.4026, 96.5731,
108.5889

■ 48.9474, 30.2683,
56.5759

■ 46.3816, 26.2985,
52.1389

■ 44.4331, 23.5136,
48.0614

■ 43.0308, 21.7717,
44.3178

■ 42.0624, 20.8489,
40.8687

Harmonies

Analogous

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



71.0597, 71.6392, 91.2069



72.9216, 71.6392, 84.8473



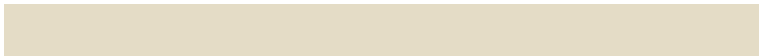
73.4769, 71.6392, 77.0093

Triad

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



72.9216, 71.6392, 84.8473



67.7431, 71.6392, 63.9130



63.8115, 71.6392, 86.6886

Complementary

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



72.9216, 71.6392, 84.8473



70.6481, 79.4563, 79.3271

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.



62.9748, 71.6392, 79.0051



72.9216, 71.6392, 84.8473



65.2059, 71.6392, 66.1390

Square

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



72.9216, 71.6392, 84.8473



70.4406, 71.6392, 65.2491



63.4784, 71.6392, 71.5369



65.7940, 71.6392, 92.3189

Rectangle

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



72.9216, 71.6392, 84.8473



73.0194, 71.6392, 72.0794



63.4784, 71.6392, 71.5369



63.3894, 71.6392, 84.2423

Sweetspot

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



72.9237, 71.6423, 84.8488



92.3237, 95.0821, 106.3428



68.6647, 69.3477, 89.1244



19.6087, 20.0772, 22.6173



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.



72.9237, 71.6423, 84.8488



85.5378, 82.9078, 99.7724



71.4449, 71.0508, 77.0617



15.5293, 15.2396, 18.0726



23.2096, 11.4865, 22.7031



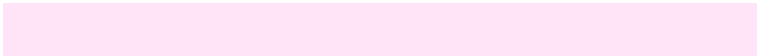
1.8625, 0.9180, 1.9935

Inverse Universe

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



72.9237, 71.6423, 84.8488



85.5378, 82.9078, 99.7724



72.1344, 80.0509, 87.1539



15.5293, 15.2396, 18.0726



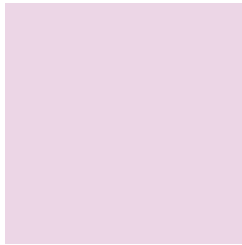
23.2096, 11.4865, 22.7031



1.8625, 0.9180, 1.9935

Previews

White Background



This preview shows how the XYZ color 72.9216, 71.6392, 84.8473 looks on a white background.

Color Contrast Check

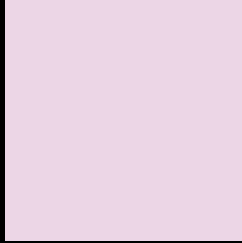
Large Text (above 18pt) WCAG AA × Fail

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 72.9216, 71.6392, 84.8473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

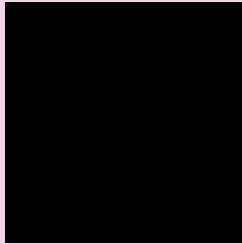
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9216, 71.6392, 84.8473

Background



This preview shows how black text looks on a background with the XYZ color 72.9216, 71.6392, 84.8473.

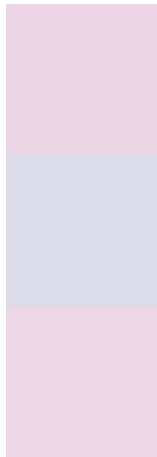


This preview shows how white text looks on a background with the XYZ color 72.9216, 71.6392,

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

72.9216, 71.6392, 84.8473

Protanopia

69.5547, 71.7619, 87.2763

Deuteranopia

73.2545, 71.8108, 84.8629



Tritanopia

73.0624, 71.6955, 85.5891

Trichromacy



Original Color

72.9216, 71.6392, 84.8473

Protanomaly

70.7424, 71.6207, 86.4396

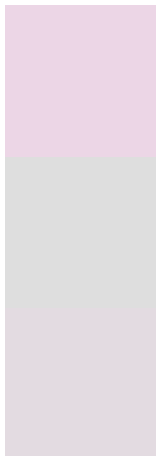
Deuteranomaly

73.2545, 71.8108, 84.8629

Tritanomaly

73.0624, 71.6955, 85.5891

Monochromacy



Original Color

72.9216, 71.6392, 84.8473

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6007, 72.4302, 81.4935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9216, 71.6392, 84.8473 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(236, 214, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 214, 230)  
}
```

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(236, 214, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 214, 230) }
```

Border

The CSS property to change the border of an element to XYZ 72.9216, 71.6392, 84.8473 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(236, 214, 230) }
```


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

```
.border{ border-color:rgb(236, 214, 230) }
```

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

Here you see how a box with a 4 pixel rgb(236, 214, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 214, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 214, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 214,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9216, 71.6392, 84.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 214, 230) }
```

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

```
.background{ background-color: rgb(236,  
214, 230) }
```

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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