

Converting Colors

XYZ(74.8112, 73.2870, 88.8001)

Have a look what the booklet for
XYZ(74.8112, 73.2870, 88.8001)
contains.

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Color

**XYZ(74.8112, 73.2870,
88.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	EED8EB
RGB	238, 216, 235
RGB Percent	93%, 85%, 92%
CMY	0.0667, 0.1529, 0.0784
CMYK	0.00, 0.09, 0.01, 0.07
HSL	308°, 39%, 89%
HSV	308°, 9%, 93%
XYZ	74.8112, 73.2870, 88.8001
YIQ	224.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

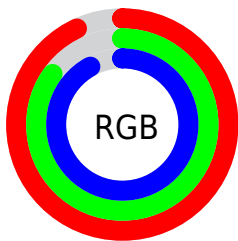
Format	Color
R _Y B	238, 216, 235
Decimal	15653099
CIE Lab	88.58, 10.86, -6.54
CIE LCh	89, 12.674, 328.927
Yxy	73.2870, 0.3158, 0.3094
Android (android.graphics.Color)	4293843179 (0xFFEED8EB)
YUV	224.7440, 5.0562, 11.6255
Hunter-Lab	85.6078, 6.1744, -1.5754

Details

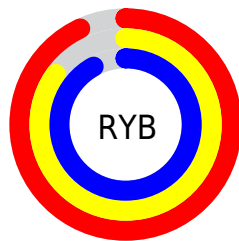
The XYZ color **74.8112, 73.2870, 88.8001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6825, 80.8646, 78.8521**, and the grayscale version is **71.3474, 75.0630, 81.7436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1730, 38.6895, 47.9983** is the 20% darker color. If you saturate the color by 10%, you get **68.6859, 61.7792, 84.4661**, and if you desaturate by 10%, it is **81.8324, 86.5708, 93.4767**.

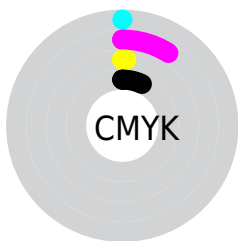
Distribution



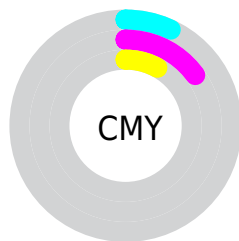
- Red (93%)
- Green (85%)
- Blue (92%)



- Red (93%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8112, 73.2870, 88.8001 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 74.8112, 73.2870, 88.8001 by changing the saturation by 10% instead.


 74.8112, 73.2870,
88.8001

 74.8112, 73.2870,
88.8001


466.2756,
472.0089, 544.5889

 55.7519, 54.2107,
66.4178


125.0344,
123.8846, 147.5915

 40.2402, 38.7701,
48.1530


156.9290,
156.1746, 184.8376

 27.9109, 26.5809,
33.5872


193.8327,
193.6380, 227.8754

 18.3986, 17.2587,
22.3019

236.1109,
236.6591, 277.1235

 11.3380, 10.4191,
13.8785

284.1289,
285.6223, 333.0004

 6.3636, 5.6777,
7.8984

338.2521,

 3.1102, 2.6501,

340.9121, 395.9245

3.9432

398.8459,
402.9129, 466.3145

■ 1.2123, 0.9519,
1.5942

■ 0.1160, 0.0000,
0.2867

■ 74.8112, 73.2870,
88.8001

■ 74.8112, 73.2870,
88.8001

■ 68.6859, 61.7792,
84.4661

■ 81.8324, 86.5708,
93.4767

■ 63.4124, 51.9622,
80.4572

■ 86.9716, 96.0779,
97.5676

■ 58.9520, 43.7583,
76.7611

■ 87.4623, 96.2742,
100.1516

■ 55.2611, 37.0796,
73.3631

■ 87.9617, 96.4739,
102.7814

■ 52.2915, 31.8300,
70.2468

■ 88.4698, 96.6772,
105.4573

■ 49.9896, 27.9027,
67.3942

■ 88.9868, 96.8840,
108.1793

■ 48.2944, 25.1755,
64.7848

■ 89.0705, 96.9174,
108.6202

■ 47.1336, 23.5038,
62.3941

■ 46.3945, 22.6624,
60.1844

Harmonies

Analogous

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



72.5376, 73.2870, 95.4479



74.8112, 73.2870, 88.8001



75.6977, 73.2870, 80.1126

Triad

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



74.8112, 73.2870, 88.8001



69.7672, 73.2870, 64.1290



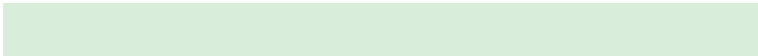
64.6406, 73.2870, 88.2152

Complementary

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



74.8112, 73.2870, 88.8001



71.6825, 80.8646, 78.8521

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.



63.9467, 73.2870, 79.4824



74.8112, 73.2870, 88.8001



66.8539, 73.2870, 65.9581

Square

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



74.8112, 73.2870, 88.8001



72.7336, 73.2870, 66.2360



64.7453, 73.2870, 71.4241



66.6686, 73.2870, 95.0932

Rectangle

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



74.8112, 73.2870, 88.8001



75.3635, 73.2870, 74.4630



64.7453, 73.2870, 71.4241



64.2462, 73.2870, 85.3800

Sweetspot

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



74.8133, 73.2902, 88.8017



92.4903, 95.1488, 107.2202



69.1850, 70.3381, 90.8204



19.6538, 20.0952, 22.8548



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.



74.8133, 73.2902, 88.8017



86.1354, 83.1468, 102.9198



73.2819, 72.6776, 80.7371



16.3561, 15.9922, 19.4314



25.8911, 12.6289, 33.6727



2.1793, 1.0608, 2.9349

Inverse Universe

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



74.8133, 73.2902, 88.8017



86.1354, 83.1468, 102.9198



73.1695, 81.4594, 86.6829



16.3561, 15.9922, 19.4314



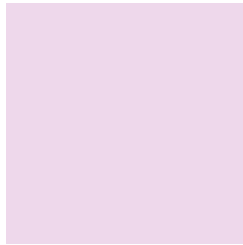
25.8911, 12.6289, 33.6727



2.1793, 1.0608, 2.9349

Previews

White Background



This preview shows how the XYZ color 74.8112, 73.2870, 88.8001 looks on a white background.

Color Contrast Check

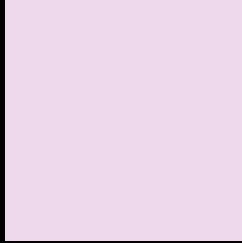
Large Text (above 18pt) WCAG AA × Fail

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 74.8112, 73.2870, 88.8001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

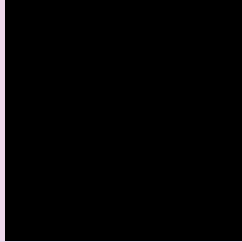
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8112, 73.2870, 88.8001

Background



This preview shows how black text looks on a background with the XYZ color 74.8112, 73.2870, 88.8001.

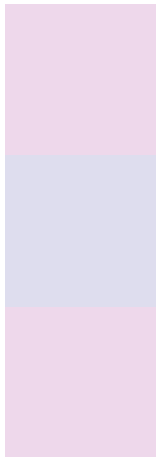


This preview shows how white text looks on a background with the XYZ color 74.8112, 73.2870, 88.8001.

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

74.8112, 73.2870, 88.8001

Protanopia

71.4133, 73.4155, 91.2957

Deuteranopia

74.8112, 73.2870, 88.8001



Tritanopia

74.5237, 73.1721, 87.2866

Trichromacy



Original Color

74.8112, 73.2870, 88.8001

Protanomaly

72.6125, 73.2714, 90.4365

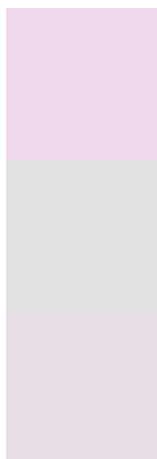
Deuteranomaly

74.8112, 73.2870, 88.8001

Tritanomaly

74.6670, 73.2294, 88.0412

Monochromacy



Original Color

74.8112, 73.2870, 88.8001

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8973, 74.7227, 84.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8112, 73.2870, 88.8001 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(238, 216, 235) looks like.

```
.text, #text, p{  
    color:rgb(238, 216, 235)  
}
```

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(238, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 216, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.8112, 73.2870, 88.8001 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(238, 216, 235) }
```


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

```
.border{ border-color:rgb(238, 216, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 216, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 216,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8112, 73.2870, 88.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 216, 235) }
```

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

```
.background{ background-color: rgb(238,  
216, 235) }
```

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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