

Converting Colors

XYZ(70.6905, 71.7419, 88.3986)

Have a look what the booklet for
XYZ(70.6905, 71.7419, 88.3986)
contains.

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Color

**XYZ(70.8073, 71.9883,
88.7604)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DAEB
RGB	224, 218, 235
RGB Percent	88%, 85%, 92%
CMY	0.1216, 0.1451, 0.0784
CMYK	0.05, 0.07, 0.00, 0.08
HSL	261°, 30%, 89%
HSV	261°, 7%, 92%
XYZ	70.8073, 71.9883, 88.7604
YIQ	221.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

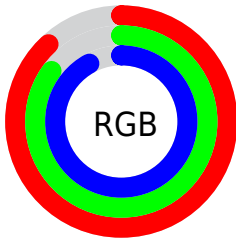
Format	Color
R_{YB}	224, 218, 235
Decimal	14736107
CIE Lab	87.96, 5.15, -7.58
CIE LCh	88, 9.166, 304.157
Yxy	71.9883, 0.3058, 0.3109
Android (android.graphics.Color)	4292926187 (0xFFE0DAEB)
YUV	221.7320, 6.5411, 1.9890
Hunter-Lab	84.8459, 0.4850, -2.6333

Details

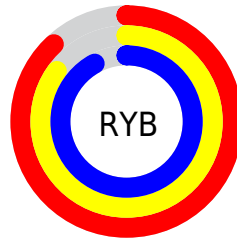
The XYZ color **70.8073, 71.9883, 88.7604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6790, 81.1385, 78.0586**, and the grayscale version is **69.2002, 72.8040, 79.2836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5961, 37.8841, 47.9787** is the 20% darker color. If you saturate the color by 10%, you get **60.6360, 58.3322, 86.6617**, and if you desaturate by 10%, it is **82.2685, 87.5959, 91.1700**.

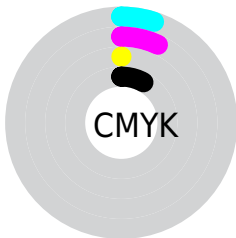
Distribution



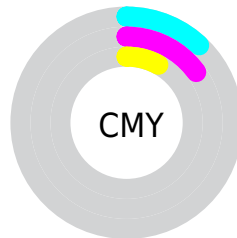
- Red (88%)
- Green (85%)
- Blue (92%)



- Red (88%)
- Yellow (85%)
- Blue (92%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8073, 71.9883, 88.7604 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 70.8073, 71.9883, 88.7604 by changing the saturation by 10% instead.

■ 70.8073, 71.9883,
88.7604

■ 70.8073, 71.9883,
88.7604

452.6018,
467.5009, 544.4559

■ 52.4669, 53.1491,
66.3851

119.3793,
122.0399, 147.5358

■ 37.6032, 37.9218,
48.1266

150.3417,
154.0211, 184.7729

■ 25.8506, 25.9220,
33.5665

186.2420,
191.1518, 227.8010

■ 16.8440, 16.7653,
22.2861

227.4458,
233.8163, 277.0387

■ 10.2180, 10.0673,
13.8669

274.3183,
282.3991, 332.9045

■ 5.6071, 5.4436,
7.8905

327.2249,

■ 2.6460, 2.5098,

337.2845, 395.8170

3.9382

386.5310,
398.8570, 466.1946

■ 0.9695, 0.8815,
1.5915

■ 0.0000, 0.0000,
0.2847

■ 70.8073, 71.9883,
88.7604

■ 70.8073, 71.9883,
88.7604

■ 60.6360, 58.3322,
86.6617

■ 82.2685, 87.5959,
91.1700

■ 51.7010, 46.5403,
84.8566

■ 91.7824, 98.6683,
92.8058

■ 43.9543, 36.5325,
83.3331

■ 91.9956, 98.7782,
92.8157

■ 37.3422, 28.2188,
82.0769

■ 31.8064, 21.5016,
81.0722

■ 27.2830, 16.2727,
80.3013

■ 23.7007, 12.4101,
79.7445

■ 20.9771, 9.7712,
79.3787

■ 19.0081, 8.1715,
79.1737

Harmonies

Analogous

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



68.7275, 71.9883, 90.9981



70.8073, 71.9883, 88.7604



72.2715, 71.9883, 83.7423

Triad

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



70.8073, 71.9883, 88.7604



70.2693, 71.9883, 68.0513



64.3200, 71.9883, 79.2580

Complementary

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



70.8073, 71.9883, 88.7604



74.6790, 81.1385, 78.0586

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.



64.7131, 71.9883, 73.2574



70.8073, 71.9883, 88.7604



68.1188, 71.9883, 66.9913

Square

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



70.8073, 71.9883, 88.7604



71.9562, 71.9883, 71.8236



66.0923, 71.9883, 68.8477



65.0068, 71.9883, 85.3301

Rectangle

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



70.8073, 71.9883, 88.7604



72.6851, 71.9883, 79.6135



66.0923, 71.9883, 68.8477



64.3303, 71.9883, 77.1653

Sweetspot

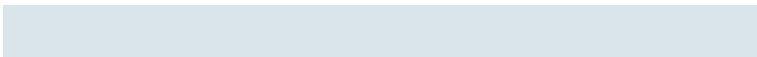
The Sweet Spot groups the original color and five complimentary colors.



70.8094, 71.9914, 88.7620



92.2406, 96.1684, 108.3085



71.9445, 76.9723, 89.6636



19.7728, 20.6242, 23.1887



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.



70.8094, 71.9914, 88.7620



82.9059, 83.5124, 106.3576



73.4940, 73.3753, 88.8876



14.7326, 14.8074, 19.0039



10.4520, 4.4241, 44.0460



0.9218, 0.3995, 3.4634

Inverse Universe

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



73.4777, 73.4654, 84.4398



86.8842, 85.7108, 99.8816



72.0477, 79.7820, 77.9354



15.4761, 15.2183, 17.7922



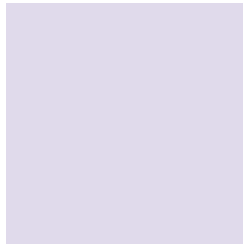
22.2888, 11.1182, 17.8540



1.7956, 0.8912, 1.6409

Previews

White Background



This preview shows how the XYZ color 70.8073, 71.9883, 88.7604 looks on a white background.

Color Contrast Check

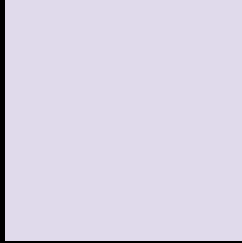
Large Text (above 18pt) WCAG AA × Fail

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 70.8073, 71.9883, 88.7604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

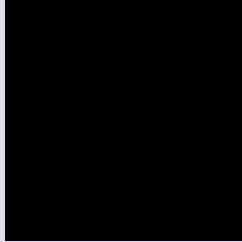
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

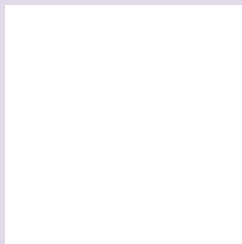
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8073, 71.9883, 88.7604

Background



This preview shows how black text looks on a background with the XYZ color 70.8073, 71.9883, 88.7604.

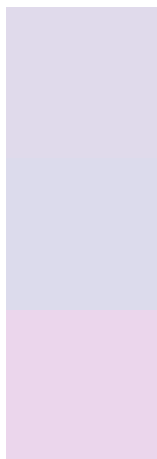


This preview shows how white text looks on a background with the XYZ color 70.8073, 71.9883,

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

70.8073, 71.9883, 88.7604

Protanopia

69.9870, 71.9348, 89.5530

Deuteranopia

73.4478, 71.8114, 89.3468



Tritanopia

70.8073, 71.9883, 88.7604

Trichromacy



Original Color

70.8073, 71.9883, 88.7604

Protanomaly

70.2906, 72.0913, 89.5672

Deuteranomaly

72.3958, 71.6459, 89.3703

Tritanomaly

70.8073, 71.9883, 88.7604

Monochromacy



Original Color

70.8073, 71.9883, 88.7604

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1530, 72.9469, 83.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8073, 71.9883, 88.7604 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, 218, 235) looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 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(224, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.8073, 71.9883, 88.7604 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, 218, 235) }
```


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

```
.border{ border-color:rgb(224, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8073, 71.9883, 88.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 235) }
```

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

```
.background{ background-color: rgb(224,  
218, 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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