

Converting Colors

XYZ(73.9547, 73.6430, 86.7568)

Have a look what the booklet for
XYZ(73.9547, 73.6430, 86.7568)
contains.

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Color

**XYZ(73.8978, 73.6312,
86.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDAE8
RGB	235, 218, 232
RGB Percent	92%, 85%, 91%
CMY	0.0784, 0.1451, 0.0902
CMYK	0.00, 0.07, 0.01, 0.08
HSL	311°, 30%, 89%
HSV	311°, 7%, 92%
XYZ	73.8978, 73.6312, 86.6613
YIQ	224.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

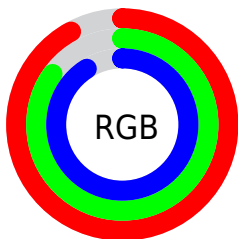
Format	Color
R _Y B	235, 218, 232
Decimal	15457000
CIE Lab	88.75, 8.26, -4.75
CIE LCh	89, 9.530, 330.126
Yxy	73.6312, 0.3155, 0.3144
Android (android.graphics.Color)	4293647080 (0xFFEBDAE8)
YUV	224.6790, 3.6093, 9.0515
Hunter-Lab	85.8086, 3.5579, 0.1869

Details

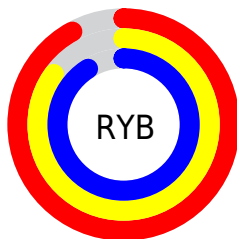
The XYZ color **73.8978, 73.6312, 86.6613** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6757, 79.5444, 79.9863**, and the grayscale version is **71.3115, 75.0253, 81.7025**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5241, 38.9127, 46.5021** is the 20% darker color. If you saturate the color by 10%, you get **67.6491, 62.0647, 81.7064**, and if you desaturate by 10%, it is **81.0286, 86.9376, 91.9807**.

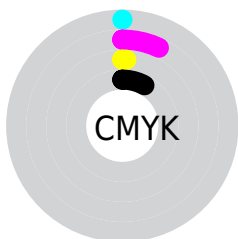
Distribution



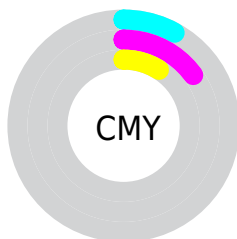
- Red (92%)
- Green (85%)
- Blue (91%)



- Red (92%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (8%)





- Cyan (8%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8978, 73.6312, 86.6613 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 73.8978, 73.6312, 86.6613 by changing the saturation by 10% instead.


 73.8978, 73.6312,
86.6613

 73.8978, 73.6312,
86.6613


463.1763,
473.1995, 537.3965

 55.0014, 54.4922,
64.6569


123.7472,
124.3729, 144.5867

 39.6367, 38.9953,
46.7334


155.4309,
156.7444, 181.3447

 27.4383, 26.7561,
32.4721


192.1077,
194.2955, 223.8578

 18.0410, 17.3901,
21.4545

234.1430,
237.4107, 272.5443

 11.0793, 10.5130,
13.2622

281.9022,
286.4743, 327.8229

 6.1879, 5.7404,
7.4765

335.7506,

 3.0014, 2.6879,

341.8707, 390.1122

3.6789

396.0535,
403.9843, 459.8305

■ 1.1545, 0.9710,
1.4509

■ 0.0700, 0.0000,
0.1809

■ 73.8978, 73.6312,
86.6613

■ 73.8978, 73.6312,
86.6613

■ 67.6491, 62.0647,
81.7064

■ 81.0286, 86.9376,
91.9807

■ 62.2399, 52.1561,
77.0985

■ 85.7938, 95.4913,
96.5797

■ 57.6336, 43.8312,
72.8260

■ 86.4182, 95.7411,
99.8680

■ 53.7881, 37.0064,
68.8743

■ 87.0569, 95.9966,
103.2310

■ 50.6578, 31.5902,
65.2277

■ 87.7098, 96.2577,
106.6693

■ 48.1920, 27.4814,
61.8688

■ 88.0714, 96.4024,
108.5734

■ 46.3330, 24.5650,
58.7780

■ 45.0134, 22.7062,
55.9323

■ 44.1450, 21.7288,
53.3016

Harmonies

Analogous

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



72.2321, 73.6312, 91.6581



73.8978, 73.6312, 86.6613



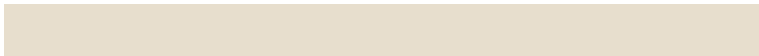
74.5101, 73.6312, 80.1440

Triad

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



73.8978, 73.6312, 86.6613



69.9745, 73.6312, 68.1379



66.2207, 73.6312, 86.7122

Complementary

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



73.8978, 73.6312, 86.6613



71.6757, 79.5444, 79.9863

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.



65.6455, 73.6312, 80.1997



73.8978, 73.6312, 86.6613



67.7835, 73.6312, 69.6877

Square

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



73.8978, 73.6312, 86.6613



72.2149, 73.6312, 69.6623



66.2114, 73.6312, 74.0148



67.8000, 73.6312, 91.6886

Rectangle

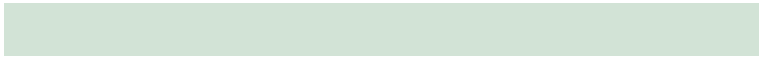
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8978, 73.6312, 86.6613



74.2283, 73.6312, 75.8836



66.2114, 73.6312, 74.0148



65.9051, 73.6312, 84.6187

Sweetspot

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



73.8999, 73.6344, 86.6629



93.2999, 96.7312, 107.6033



69.8380, 71.4907, 88.7165



19.9884, 20.7387, 23.0452



0.0000, 0.0000, 0.0000



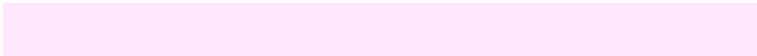
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8999, 73.6344, 86.6629



87.5153, 85.9632, 103.2048



72.7442, 73.1721, 80.5768



15.5941, 15.2655, 18.4136



24.5001, 12.0027, 29.4983



1.9537, 0.9545, 2.4738

Inverse Universe

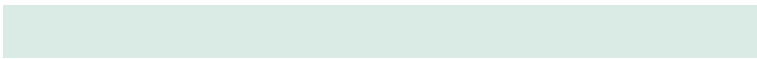
The Inverse Universe completely reimagines the original color for something new.



73.8999, 73.6344, 86.6629



87.5153, 85.9632, 103.2048



72.8137, 79.9996, 85.9788



15.5941, 15.2655, 18.4136



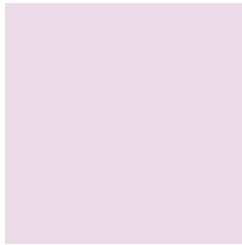
24.5001, 12.0027, 29.4983



1.9537, 0.9545, 2.4738

Previews

White Background



This preview shows how the XYZ color 73.8978, 73.6312, 86.6613 looks on a white background.

Color Contrast Check

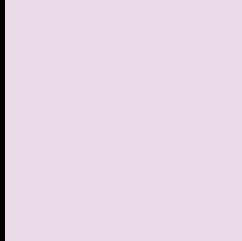
Large Text (above 18pt) WCAG AA × Fail

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 73.8978, 73.6312, 86.6613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

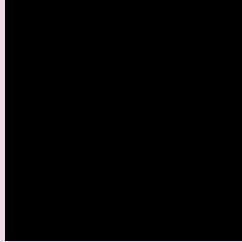
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

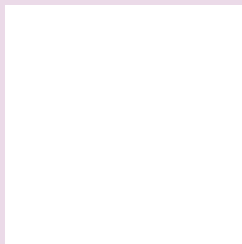
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8978, 73.6312, 86.6613

Background



This preview shows how black text looks on a background with the XYZ color 73.8978, 73.6312, 86.6613.

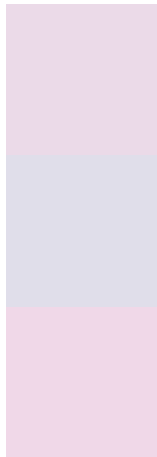


This preview shows how white text looks on a background with the XYZ color 73.8978, 73.6312,

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

73.8978, 73.6312, 86.6613

Protanopia

71.7130, 74.0304, 88.3515

Deuteranopia

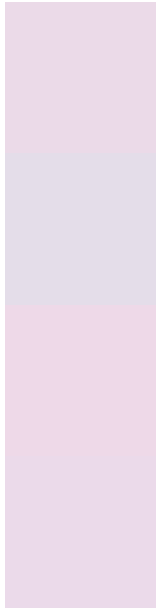
75.0565, 73.4632, 86.5678



Tritanopia

74.3277, 73.8031, 88.9252

Trichromacy



Original Color

73.8978, 73.6312, 86.6613

Protanomaly

72.5593, 74.0901, 87.5673

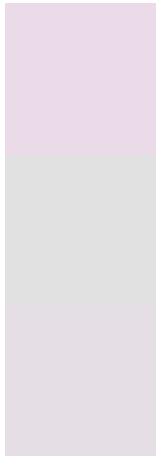
Deuteranomaly

74.6382, 73.6290, 86.6219

Tritanomaly

74.1836, 73.7455, 88.1663

Monochromacy



Original Color

73.8978, 73.6312, 86.6613

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4380, 74.5020, 83.9612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8978, 73.6312, 86.6613 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(235, 218, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 232)  
}
```

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(235, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.8978, 73.6312, 86.6613 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(235, 218, 232) }
```


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

```
.border{ border-color:rgb(235, 218, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8978, 73.6312, 86.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 232) }
```

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

```
.background{ background-color: rgb(235,  
218, 232) }
```

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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