

Converting Colors

XYZ(73.6961, 79.9024, 87.8605)

Have a look what the booklet for
XYZ(73.6961, 79.9024, 87.8605)
contains.

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Color

**XYZ(73.8071, 80.0440,
87.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEAE8
RGB	221, 234, 232
RGB Percent	87%, 92%, 91%
CMY	0.1333, 0.0823, 0.0902
CMYK	0.06, 0.00, 0.01, 0.08
HSL	171°, 24%, 89%
HSV	171°, 6%, 92%
XYZ	73.8071, 80.0440, 87.9039
YIQ	229.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

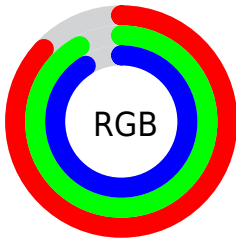
Format	Color
R _Y B	221, 228, 234
Decimal	14543592
CIE Lab	91.70, -4.67, -0.53
CIE LCh	92, 4.699, 186.487
Yxy	80.0440, 0.3053, 0.3311
Android (android.graphics.Color)	4292733672 (0xFFDDEAE8)
YUV	229.8850, 1.0427, -7.7921
Hunter-Lab	89.4673, -9.3121, 4.3732

Details

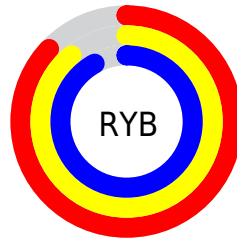
The XYZ color **73.8071, 80.0440, 87.9039** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.1104, 74.5351, 80.3493**, and the grayscale version is **75.1270, 79.0394, 86.0739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4828, 43.0824, 47.3091** is the 20% darker color. If you saturate the color by 10%, you get **66.6667, 76.4238, 84.9248**, and if you desaturate by 10%, it is **81.9556, 84.1872, 90.9884**.

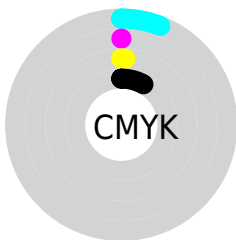
Distribution



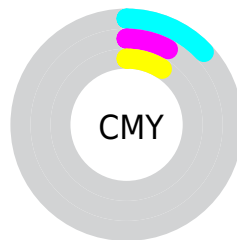
- Red (87%)
- Green (92%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8071, 80.0440, 87.9039 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 73.8071, 80.0440, 87.9039 by changing the saturation by 10% instead.

■ 73.8071, 80.0440,
87.9039

■ 73.8071, 80.0440,
87.9039

462.8679,
495.0811, 541.5816

■ 54.9269, 59.7546,
65.6796

123.6193,
133.4276, 146.3333

■ 39.5768, 43.2208,
47.5575

155.2820,
167.2905, 183.3755

■ 27.3915, 30.0584,
33.1191

191.9362,
206.4468, 226.1941

■ 18.0056, 19.8829,
21.9458

233.9473,
251.2807, 275.2076

■ 11.0537, 12.3100,
13.6192

281.6807,
302.1767, 330.8346

■ 6.1705, 6.9552,
7.7206

335.5017,

■ 2.9907, 3.4341,

359.5192, 393.4935

3.8315

395.7757,
423.6925, 463.6030

■ 1.1488, 1.3623,
1.5334

■ 0.0654, 0.1887,
0.2426

■ 73.8071, 80.0440,
87.9039

■ 73.8071, 80.0440,
87.9039

■ 66.6667, 76.4238,
84.9248

■ 81.9556, 84.1872,
90.9884

■ 60.4866, 73.2952,
82.0435

■ 86.2759, 86.3533,
93.9472

■ 55.2255, 70.6392,
79.2594

■ 86.8147, 86.5688,
96.7846

■ 50.8361, 68.4314,
76.5700

■ 87.3642, 86.7886,
99.6784

■ 47.2672, 66.6453,
73.9726

■ 87.9245, 87.0127,
102.6287

■ 44.4620, 65.2518,
71.4641

■ 88.4956, 87.2412,
105.6360

■ 42.3563, 64.2177,
69.0412

■ 88.7143, 87.3287,
106.7881

■ 40.8754, 63.5045,
66.7002

■ 39.9272, 63.0649,
64.4362

Harmonies

Analogous

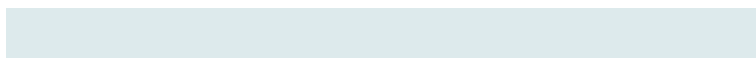
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9807, 80.0440, 84.5414



73.8071, 80.0440, 87.9039



74.2372, 80.0440, 91.1479

Triad

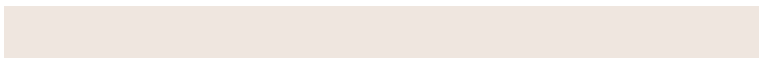
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8071, 80.0440, 87.9039



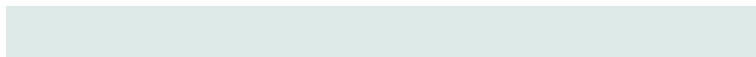
77.4614, 80.0440, 92.5825



77.0048, 80.0440, 81.2273

Complementary

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



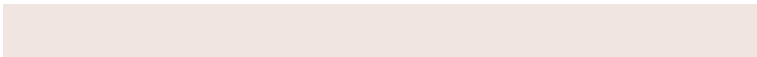
73.8071, 80.0440, 87.9039



73.1104, 74.5351, 80.3493

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.



77.9519, 80.0440, 83.2791



73.8071, 80.0440, 87.9039



78.2174, 80.0440, 89.8206

Square

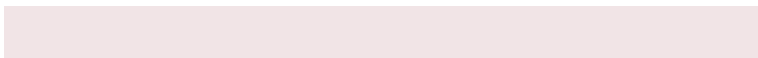
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



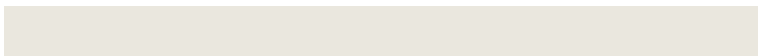
73.8071, 80.0440, 87.9039



76.3407, 80.0440, 93.8946



78.3979, 80.0440, 86.4090



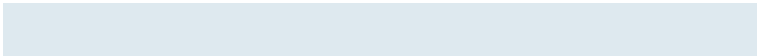
75.8187, 80.0440, 80.7446

Rectangle

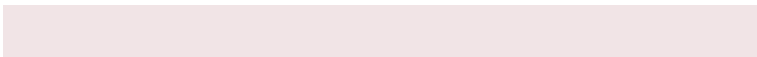
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8071, 80.0440, 87.9039



74.8111, 80.0440, 92.7877



78.3979, 80.0440, 86.4090



77.3620, 80.0440, 81.7537

Sweetspot

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



73.8094, 80.0474, 87.9057



93.0722, 98.9950, 108.1483



72.9592, 79.7841, 79.9623



19.9420, 21.1995, 23.1561



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

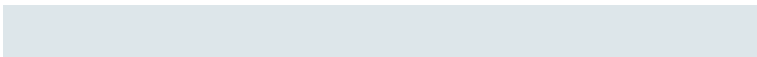
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8094, 80.0474, 87.9057



88.3454, 96.5945, 106.2912



72.8767, 77.7238, 89.0071



15.7143, 17.2330, 18.9766



22.2964, 35.3730, 35.8553



1.7777, 2.7884, 2.9574

Inverse Universe

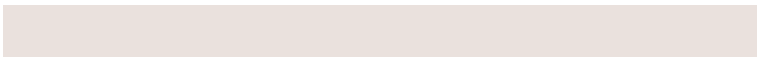
The Inverse Universe completely reimagines the original color for something new.



73.1104, 74.5351, 80.3493



87.2810, 88.2006, 94.7848



74.0010, 76.7463, 79.3210



15.5101, 15.6221, 16.7683



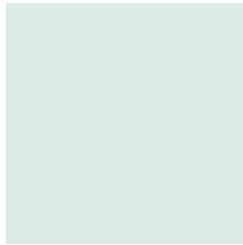
19.2762, 9.9132, 1.9897



1.5425, 0.7900, 0.3081

Previews

White Background



This preview shows how the XYZ color 73.8071, 80.0440, 87.9039 looks on a white background.

Color Contrast Check

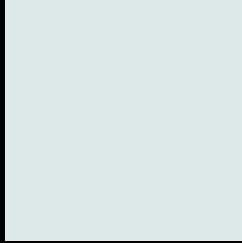
Large Text (above 18pt) WCAG AA × Fail

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 73.8071, 80.0440, 87.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

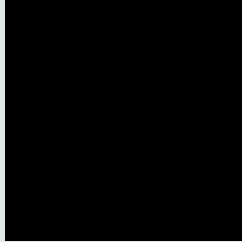
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

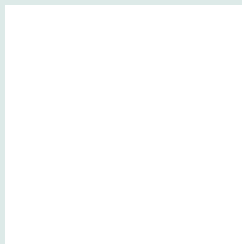
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8071, 80.0440, 87.9039

Background



This preview shows how black text looks on a background with the XYZ color 73.8071, 80.0440, 87.9039.



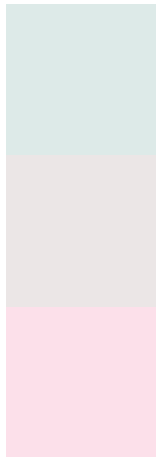
This preview shows how white text looks on a background with the XYZ color 73.8071, 80.0440,

87.9039.

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

73.8071, 80.0440, 87.9039

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

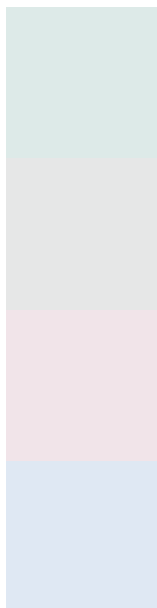
81.6518, 79.9473, 88.9698



Tritanopia

76.5717, 79.9012, 101.8292

Trichromacy



Original Color

73.8071, 80.0440, 87.9039

Protanomaly

75.6328, 79.7443, 87.0072

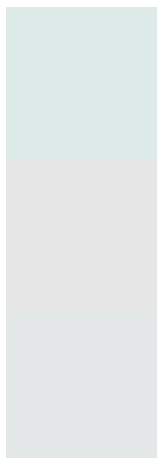
Deuteranomaly

78.7270, 80.0708, 88.3966

Tritanomaly

75.4657, 79.8723, 96.2334

Monochromacy



Original Color

73.8071, 80.0440, 87.9039

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6783, 79.2522, 86.9626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8071, 80.0440, 87.9039 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(221, 234, 232) looks like.

```
.text, #text, p{  
    color:rgb(221, 234, 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(221, 234, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.8071, 80.0440, 87.9039 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(221, 234, 232) }
```


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

```
.border{ border-color:rgb(221, 234, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 234, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 232);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8071, 80.0440, 87.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 232) }
```

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

```
.background{ background-color: rgb(221,  
234, 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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