

Converting Colors

XYZ(73.7746, 78.0213, 81.9777)

Have a look what the booklet for
XYZ(73.7746, 78.0213, 81.9777)
contains.

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Color

**XYZ(73.7870, 78.0785,
81.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5E0
RGB	229, 229, 224
RGB Percent	90%, 90%, 88%
CMY	0.1020, 0.1019, 0.1216
CMYK	0.00, 0.00, 0.02, 0.10
HSL	60°, 9%, 89%
HSV	60°, 2%, 90%
XYZ	73.7870, 78.0785, 81.7027
YIQ	228.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

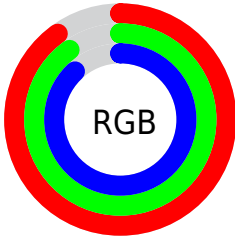
Format	Color
RYB	224, 229, 224
Decimal	15066592
CIELab	90.82, -0.88, 2.42
CIELCh	91, 2.578, 109.941
Yxy	78.0785, 0.3159, 0.3343
Android (android.graphics.Color)	4293256672 (0xFFE5E5E0)
YUV	228.4300, -2.1840, 0.4999
Hunter-Lab	88.3620, -5.5766, 7.0318

Details

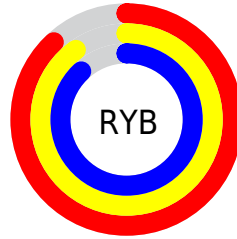
The XYZ color **73.7870, 78.0785, 81.7027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5420, 74.8179, 84.8034**, and the grayscale version is **74.0743, 77.9319, 84.8678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7530, 42.1353, 43.5738** is the 20% darker color. If you saturate the color by 10%, you get **70.8830, 76.9187, 66.4316**, and if you desaturate by 10%, it is **77.1138, 79.4124, 99.1804**.

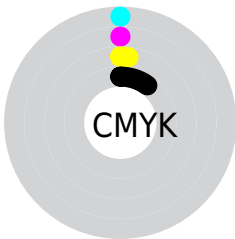
Distribution



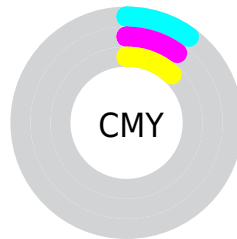
- Red (90%)
- Green (90%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7870, 78.0785, 81.7027 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 73.7870, 78.0785, 81.7027 by changing the saturation by 10% instead.

■ 73.7870, 78.0785,
81.7027

■ 73.7870, 78.0785,
81.7027

462.7996,
488.4334, 520.5100

■ 54.9104, 58.1385,
60.5861

123.5909,
130.6608, 137.5899

■ 39.5635, 41.9200,
43.4629

155.2490,
164.0718, 173.1977

■ 27.3811, 29.0386,
29.9144

191.8982,
202.7420, 214.4729

■ 17.9977, 19.1101,
19.5221

233.9040,
247.0556, 261.8341

■ 11.0480, 11.7498,
11.8675

281.6316,
297.3972, 315.6999

■ 6.1667, 6.5736,
6.5321

335.4466,

■ 2.9883, 3.1969,

354.1511, 376.4888

3.0973

395.7141,
417.7017, 444.6193

■ 1.1476, 1.2354,
1.1445

■ 0.0644, 0.0903,
0.0000

■ 73.7870, 78.0785,
81.7027

■ 73.7870, 78.0785,
81.7027

■ 70.8830, 76.9187,
66.4316

■ 77.1138, 79.4124,
99.1804

■ 68.3785, 75.9162,
53.2745

■ 78.3964, 79.9261,
105.9031

■ 66.2581, 75.0674,
42.1399

■ 78.4024, 79.9292,
105.9034

■ 64.5027, 74.3645,
32.9275

■ 78.4084, 79.9323,
105.9037

63.0917, 73.7994,
25.5286

78.4144, 79.9354,
105.9039

62.0024, 73.3630,
19.8236

78.4204, 79.9385,
105.9042

61.2094, 73.0451,
15.6786

78.4263, 79.9416,
105.9045

60.6833, 72.8340,
12.9393

78.4323, 79.9447,
105.9048

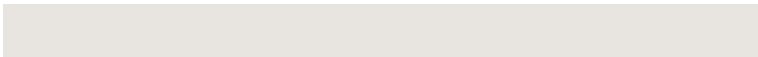
60.3889, 72.7155,
11.4205

78.4383, 79.9478,
105.9051

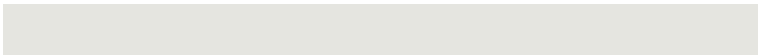
Harmonies

Analogous

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



74.4292, 78.0785, 81.5478



73.7870, 78.0785, 81.7027



73.2614, 78.0785, 82.7376

Triad

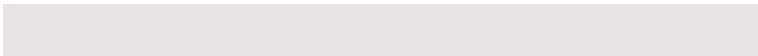
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7870, 78.0785, 81.7027



73.4120, 78.0785, 87.7756



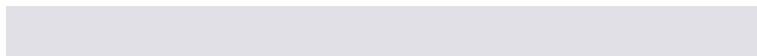
75.4453, 78.0785, 85.6392

Complementary

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



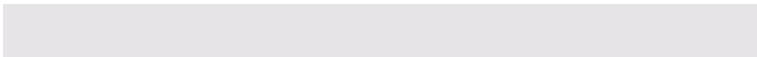
73.7870, 78.0785, 81.7027



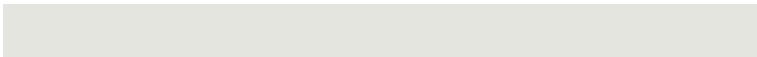
71.5420, 74.8179, 84.8034

Split Complementary

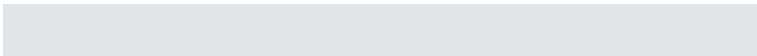
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1693, 78.0785, 87.3322



73.7870, 78.0785, 81.7027



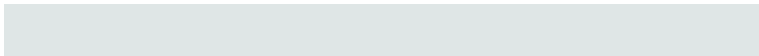
73.9938, 78.0785, 88.5775

Square

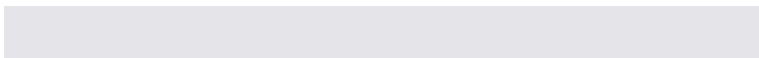
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



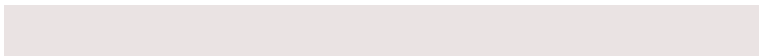
73.7870, 78.0785, 81.7027



73.0458, 78.0785, 86.2374



74.6372, 78.0785, 88.4140



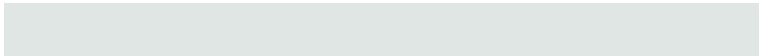
75.3891, 78.0785, 83.8026

Rectangle

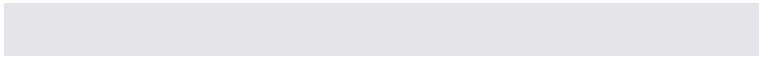
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



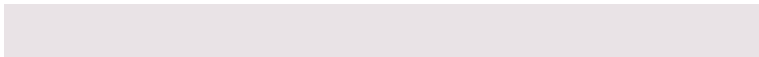
73.7870, 78.0785, 81.7027



73.0467, 78.0785, 83.7958



74.6372, 78.0785, 88.4140



75.3882, 78.0785, 86.2444

Sweetspot

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



73.7892, 78.0819, 81.7044



94.6413, 99.8364, 106.7520



72.4258, 75.3530, 81.2495



20.2614, 21.3708, 22.8720



0.0000, 0.0000, 0.0000



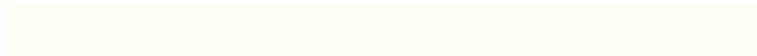
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7892, 78.0819, 81.7044



93.8403, 99.5158, 102.5417



72.9978, 77.6739, 81.6674



15.9624, 16.9615, 17.2301



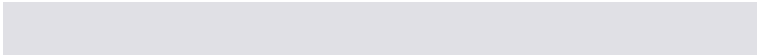
34.4614, 41.5470, 6.2031



2.5470, 3.0704, 0.4584

Inverse Universe

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



71.5420, 74.8179, 84.8034



89.9014, 93.7948, 107.9736



72.3219, 75.2200, 84.8399



15.1242, 15.7440, 18.3861



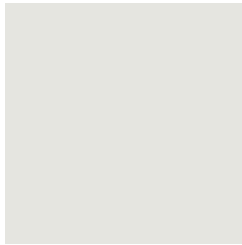
8.0880, 3.2354, 42.5814



0.5981, 0.2393, 3.1466

Previews

White Background



This preview shows how the XYZ color 73.7870, 78.0785, 81.7027 looks on a white background.

Color Contrast Check

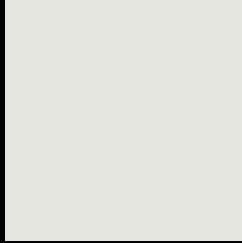
Large Text (above 18pt) WCAG AA × Fail

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 73.7870, 78.0785, 81.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

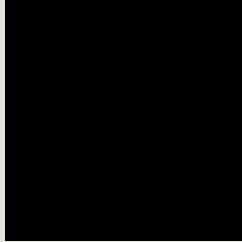
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

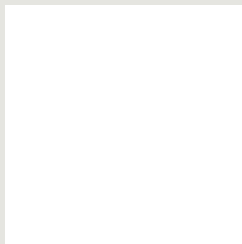
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7870, 78.0785, 81.7027

Background



This preview shows how black text looks on a background with the XYZ color 73.7870, 78.0785, 81.7027.

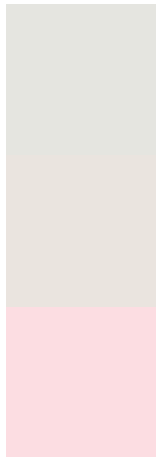


This preview shows how white text looks on a background with the XYZ color 73.7870, 78.0785,

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

73.7870, 78.0785, 81.7027

Protanopia

74.9944, 78.3069, 80.9742

Deuteranopia

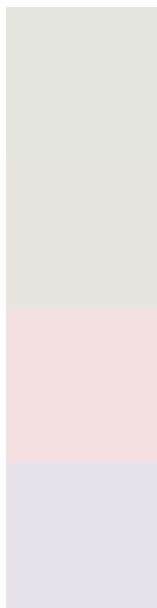
79.7288, 77.8993, 82.7854



Tritanopia

76.8042, 78.0802, 96.6109

Trichromacy



Original Color

73.7870, 78.0785, 81.7027

Protanomaly

74.3414, 77.9703, 80.9436

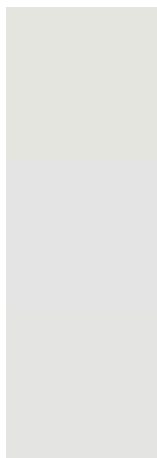
Deuteranomaly

77.5545, 77.9806, 82.1984

Tritanomaly

75.7101, 78.0415, 91.1939

Monochromacy



Original Color

73.7870, 78.0785, 81.7027

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6034, 77.5268, 83.7579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7870, 78.0785, 81.7027 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(229, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 224)  
}
```

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(229, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.7870, 78.0785, 81.7027 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(229, 229, 224) }
```


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

```
.border{ border-color:rgb(229, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7870, 78.0785, 81.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 224) }
```

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

```
.background{ background-color: rgb(229,  
229, 224) }
```

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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