

Converting Colors

XYZ(71.7815, 74.2350, 78.9533)

Have a look what the booklet for
XYZ(71.7815, 74.2350, 78.9533)
contains.

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Color

**XYZ(71.8055, 74.2860,
78.9607)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E6DEDD |
| RGB | 230, 222, 221 |
| RGB Percent | 90%, 87%, 87% |
| CMY | 0.0980, 0.1294, 0.1333 |
| CMYK | 0.00, 0.03, 0.04, 0.10 |
| HSL | 7°, 15%, 88% |
| HSV | 7°, 4%, 90% |
| XYZ | 71.8055, 74.2860, 78.9607 |
| YIQ | 224.2780, 5.0890, 1.3850 |

Conversions

Conversions Part 2

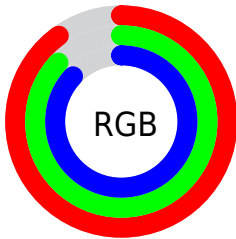
| Format | Color |
|-------------------------------------|---|
| RYB | 230, 222, 221 |
| Decimal | 15130333 |
| CIELab | 89.06, 2.55, 1.45 |
| CIElCh | 89, 2.931, 29.600 |
| Yxy | 74.2860, 0.3191, 0.3301 |
| Android (android.graphics.Color) | 4293320413 (0xFFE6DEDD) |
| YUV | 224.2780, -1.6161, 5.0182 |
| Hunter-Lab | 86.1893, -2.1205, 6.0151 |

Details

The XYZ color **71.8055, 74.2860, 78.9607** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1209, 77.1227, 85.9487**, and the grayscale version is **71.0607, 74.7614, 81.4152**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3808, 39.5046, 41.6786** is the 20% darker color. If you saturate the color by 10%, you get **63.8468, 62.9406, 62.2106**, and if you desaturate by 10%, it is **80.8461, 87.1213, 98.1444**.

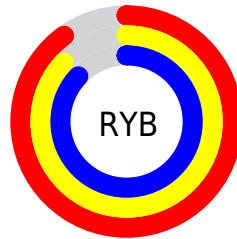
Distribution



Red (90%)

Green (87%)

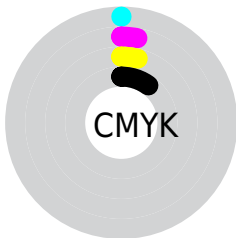
Blue (87%)



Red (90%)

Yellow (87%)

Blue (87%)

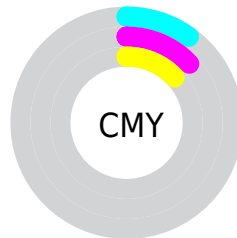


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8055, 74.2860, 78.9607 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 71.8055, 74.2860, 78.9607 by changing the saturation by 10% instead.

■ 71.8055, 74.2860,
78.9607

■ 71.8055, 74.2860,
78.9607

456.0325,
475.4599, 511.0375

■ 53.2847, 55.0282,
58.3424

120.7923,
125.3011, 133.7017

■ 38.2585, 39.4243,
41.6674

151.9889,
157.8272, 168.6614

■ 26.3615, 27.0899,
28.5174

188.1416,
195.5449, 209.2387

■ 17.2284, 17.6408,
18.4736

229.6156,
238.8384, 255.8521

■ 10.4938, 10.6924,
11.1176

276.7764,
288.0923, 308.9202

■ 5.7923, 5.8604,
6.0308

329.9892,

■ 2.7587, 2.7604,

343.6909, 368.8614

2.7947

389.6195,
406.0186, 436.0943

■ 1.0275, 1.0079,
0.9908

■ 0.0000, 0.0000,
0.0000

■ 71.8055, 74.2860,
78.9607

■ 71.8055, 74.2860,
78.9607

■ 63.8468, 62.9406,
62.2106

■ 80.8461, 87.1213,
98.1444

■ 56.9232, 53.0219,
47.7922

■ 86.4435, 95.5632,
108.4972

■ 50.9941, 44.4762,
35.6034

■ 46.0134, 37.2429,
25.5327

■ 41.9316, 31.2569,
17.4591

■ 38.6947, 26.4474,
11.2492

■ 36.2426, 22.7364,
6.7535

■ 34.5074, 20.0367,
3.7991

■ 33.4090, 18.2473,
2.1767

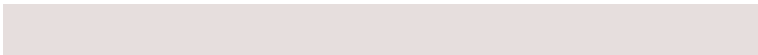
Harmonies

Analogous

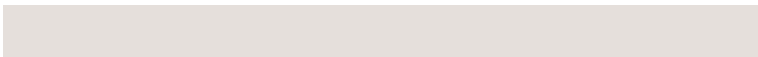
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9866, 74.2860, 80.9122



71.8055, 74.2860, 78.9607



71.3027, 74.2860, 77.5450

Triad

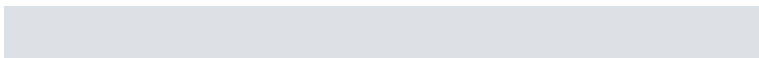
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8055, 74.2860, 78.9607



69.4306, 74.2860, 78.9140



70.5970, 74.2860, 84.8753

Complementary

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



71.8055, 74.2860, 78.9607



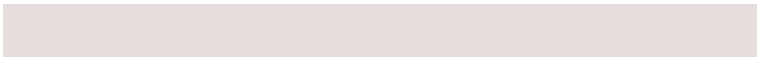
72.1209, 77.1227, 85.9487

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.



69.9151, 74.2860, 84.3192



71.8055, 74.2860, 78.9607



69.2444, 74.2860, 80.8574

Square

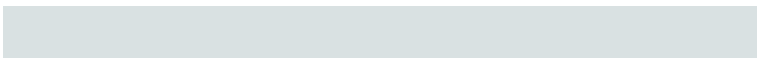
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



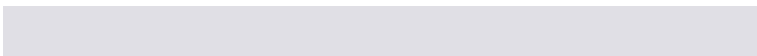
71.8055, 74.2860, 78.9607



69.9315, 74.2860, 77.5184



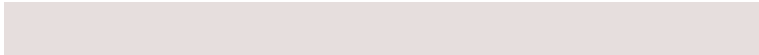
69.4211, 74.2860, 82.8400



71.2860, 74.2860, 84.3474

Rectangle

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



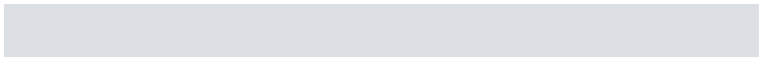
71.8055, 74.2860, 78.9607



70.8544, 74.2860, 77.0837



69.4211, 74.2860, 82.8400



70.3594, 74.2860, 84.8088

Sweetspot

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



71.8076, 74.2892, 78.9623



93.9236, 98.3999, 106.5126



72.6473, 74.1997, 84.6959



20.1154, 21.0785, 22.8232



0.0000, 0.0000, 0.0000



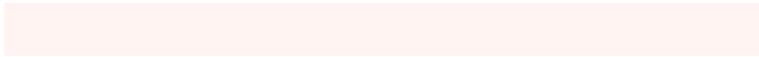
20.3446, 21.4041, 23.3091

Same Dimension

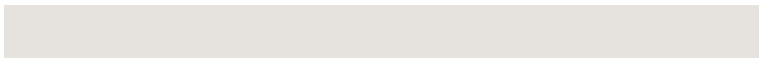
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8076, 74.2892, 78.9623



89.5568, 92.1902, 97.2757



72.9905, 76.6549, 79.3566



15.1666, 15.5669, 16.3551



18.7237, 10.0215, 0.9475



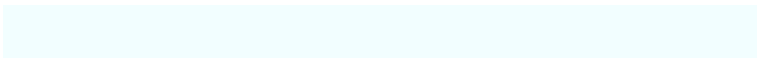
1.4270, 0.8273, 0.0845

Inverse Universe

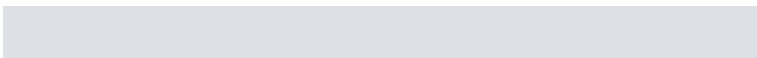
The Inverse Universe completely reimagines the original color for something new.



72.1209, 77.1227, 85.9487



90.0617, 96.7573, 108.5370



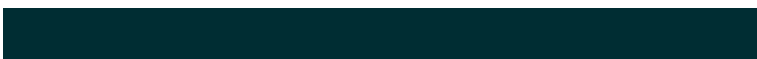
70.9199, 74.7208, 85.5484



15.2633, 16.4423, 18.5135



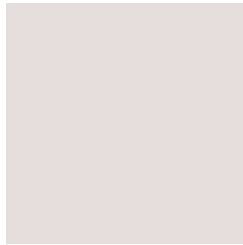
20.4134, 27.8889, 46.6904



1.5478, 2.1396, 3.4634

Previews

White Background



This preview shows how the XYZ color 71.8055, 74.2860, 78.9607 looks on a white background.

Color Contrast Check

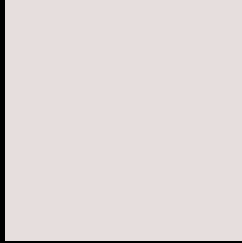
Large Text (above 18pt) WCAG AA × Fail

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 71.8055, 74.2860, 78.9607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

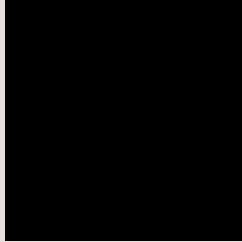
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

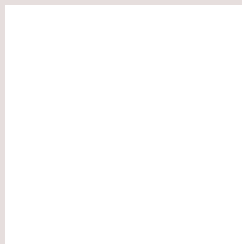
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8055, 74.2860, 78.9607

Background



This preview shows how black text looks on a background with the XYZ color 71.8055, 74.2860, 78.9607.

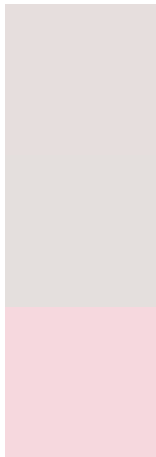


This preview shows how white text looks on a background with the XYZ color 71.8055, 74.2860, 78.9607.

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

71.8055, 74.2860, 78.9607

Protanopia

71.4337, 74.4898, 79.0196

Deuteranopia

75.7467, 73.9785, 79.3942



Tritanopia

74.1580, 74.4566, 90.5838

Trichromacy



Original Color

71.8055, 74.2860, 78.9607

Protanomaly

71.7519, 74.6538, 79.0345

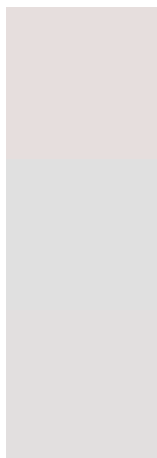
Deuteranomaly

74.1914, 73.9420, 79.4692

Tritanomaly

73.2353, 74.4713, 86.1158

Monochromacy



Original Color

71.8055, 74.2860, 78.9607

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0710, 74.2718, 80.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8055, 74.2860, 78.9607 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(230, 222, 221) looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 221)  
}
```

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(230, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.8055, 74.2860, 78.9607 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(230, 222, 221) }
```


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

```
.border{ border-color:rgb(230, 222, 221) }
```

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

Here you see how a box with a 4 pixel rgb(230, 222, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8055, 74.2860, 78.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 221) }
```

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

```
.background{ background-color: rgb(230,  
222, 221) }
```

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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