

Converting Colors

XYZ(70.9663, 72.5171, 78.9650)

Have a look what the booklet for
XYZ(70.9663, 72.5171, 78.9650)
contains.

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Color

**XYZ(71.0158, 72.7065,
78.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DBDD
RGB	230, 219, 221
RGB Percent	90%, 86%, 87%
CMY	0.0980, 0.1412, 0.1333
CMYK	0.00, 0.05, 0.04, 0.10
HSL	349°, 18%, 88%
HSV	349°, 5%, 90%
XYZ	71.0158, 72.7065, 78.6974
YIQ	222.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

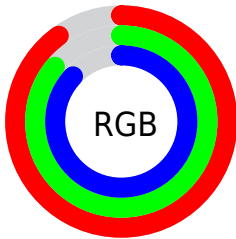
Format	Color
R _Y B	230, 219, 221
Decimal	15129565
CIE Lab	88.31, 4.11, 0.35
CIE LCh	88, 4.121, 4.939
Yxy	72.7065, 0.3193, 0.3269
Android (android.graphics.Color)	4293319645 (0xFFE6DBDD)
YUV	222.5170, -0.7479, 6.5626
Hunter-Lab	85.2681, -0.5549, 4.9665

Details

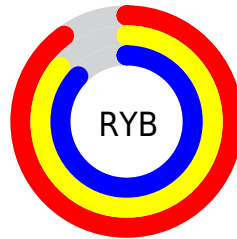
The XYZ color **71.0158, 72.7065, 78.6974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5166, 77.2570, 84.5455**, and the grayscale version is **69.8007, 73.4357, 79.9715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6140, 38.3028, 41.4871** is the 20% darker color. If you saturate the color by 10%, you get **63.0563, 60.5781, 64.3560**, and if you desaturate by 10%, it is **80.0898, 86.6118, 94.7996**.

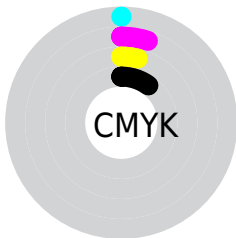
Distribution



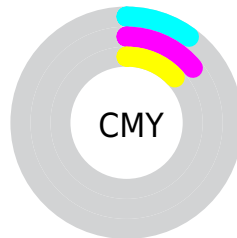
- Red (90%)
- Green (86%)
- Blue (87%)



- Red (90%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0158, 72.7065, 78.6974 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 71.0158, 72.7065, 78.6974 by changing the saturation by 10% instead.

71.0158, 72.7065,
78.6974

71.0158, 72.7065,
78.6974

453.3196,
469.9970, 510.1226

52.6377, 53.7360,
58.1272

119.6746,
123.0605, 133.3276

37.7399, 38.3906,
41.4955

150.6860,
155.2127, 168.2246

25.9572, 26.2860,
28.3839

186.6392,
192.5277, 208.7344

16.9241, 17.0377,
18.3737

227.8996,
235.3897, 255.2754

10.2754, 10.2614,
11.0464

274.8324,
284.1833, 308.2662

5.6456, 5.5726,
5.9835

327.8032,

2.6694, 2.5870,

339.2928, 368.1253

2.7664

387.1771,
401.1025, 435.2712

■ 0.9814, 0.9201,
0.9766

■ 0.0000, 0.0000,
0.0000

■ 71.0158, 72.7065,
78.6974

■ 71.0158, 72.7065,
78.6974

■ 63.0563, 60.5781,
64.3560

■ 80.0898, 86.6118,
94.7996

■ 56.1620, 50.1459,
51.7107

■ 86.4436, 95.5632,
108.4972

■ 50.2892, 41.3369,
40.6999

■ 45.3886, 34.0693,
31.2561

■ 41.4070, 28.2539,
23.3075

■ 38.2858, 23.7926,
16.7761

■ 35.9595, 20.5749,
11.5770

■ 34.3529, 18.4728,
7.6159

■ 33.3754, 17.3304,
4.7849

Harmonies

Analogous

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



70.8410, 72.7065, 81.4926



71.0158, 72.7065, 78.6974



70.6748, 72.7065, 76.0891

Triad

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



71.0158, 72.7065, 78.6974



68.0228, 72.7065, 74.7872



68.3036, 72.7065, 84.1977

Complementary

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



71.0158, 72.7065, 78.6974



71.5166, 77.2570, 84.5455

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.



67.5593, 72.7065, 82.3227



71.0158, 72.7065, 78.6974



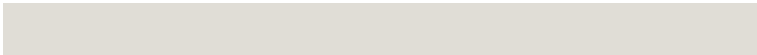
67.3983, 72.7065, 76.8822

Square

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



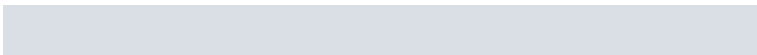
71.0158, 72.7065, 78.6974



68.9419, 72.7065, 73.8661



67.2295, 72.7065, 79.6345



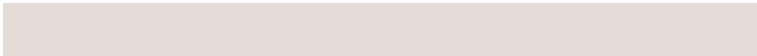
69.2691, 72.7065, 84.7115

Rectangle

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



71.0158, 72.7065, 78.6974



70.2026, 72.7065, 74.7936



67.2295, 72.7065, 79.6345



68.0195, 72.7065, 83.7036

Sweetspot

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



71.0179, 72.7097, 78.6990



93.9076, 98.2501, 106.8705



71.6064, 72.8707, 85.1553



20.1121, 21.0480, 22.8961



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

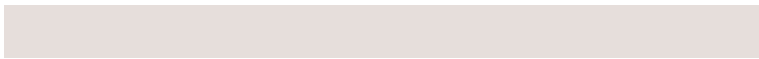
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0179, 72.7097, 78.6990



88.4107, 89.8432, 97.0625



71.6714, 74.4399, 77.6125



14.9818, 15.1709, 16.3751



18.7412, 9.6307, 2.2664



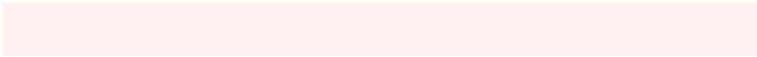
1.4160, 0.7241, 0.3310

Inverse Universe

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



71.0179, 72.7097, 78.6990



88.4107, 89.8432, 97.0625



70.8360, 75.4498, 85.6937



14.9818, 15.1709, 16.3751



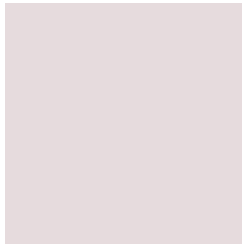
18.7412, 9.6307, 2.2664



1.4160, 0.7241, 0.3310

Previews

White Background



This preview shows how the XYZ color 71.0158, 72.7065, 78.6974 looks on a white background.

Color Contrast Check

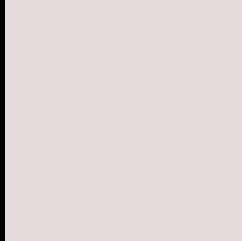
Large Text (above 18pt) WCAG AA × Fail

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 71.0158, 72.7065, 78.6974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

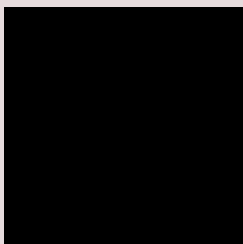
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

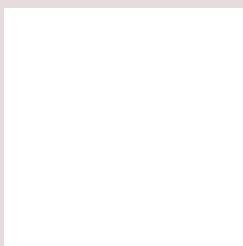
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0158, 72.7065, 78.6974

Background



This preview shows how black text looks on a background with the XYZ color 71.0158, 72.7065, 78.6974.

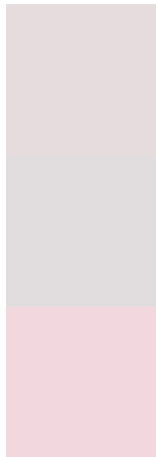


This preview shows how white text looks on a background with the XYZ color 71.0158, 72.7065,

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

71.0158, 72.7065, 78.6974

Protanopia

69.8294, 72.4679, 79.4145

Deuteranopia

74.4474, 72.9295, 79.2602



Tritanopia

72.9428, 72.7220, 88.0342

Trichromacy



Original Color

71.0158, 72.7065, 78.6974

Protanomaly

70.4566, 72.7912, 79.4439

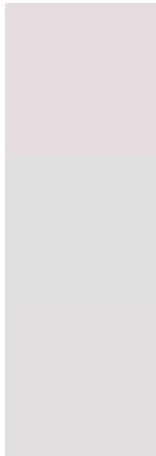
Deuteranomaly

73.0006, 72.5628, 79.2657

Tritanomaly

72.1693, 72.7889, 84.3747

Monochromacy



Original Color

71.0158, 72.7065, 78.6974

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6701, 73.6852, 79.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0158, 72.7065, 78.6974 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, 219, 221) looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 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, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.0158, 72.7065, 78.6974 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, 219, 221) }
```


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

```
.border{ border-color:rgb(230, 219, 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, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0158, 72.7065, 78.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 221) }
```

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

```
.background{ background-color: rgb(230,  
219, 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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