

Converting Colors

XYZ(70.5623, 71.4770, 77.8606)

Have a look what the booklet for
XYZ(70.5623, 71.4770, 77.8606)
contains.

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Color

**XYZ(70.4291, 71.2680,
77.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D8DC
RGB	231, 216, 220
RGB Percent	91%, 85%, 86%
CMY	0.0941, 0.1529, 0.1372
CMYK	0.00, 0.06, 0.05, 0.09
HSL	344°, 24%, 88%
HSV	344°, 6%, 91%
XYZ	70.4291, 71.2680, 77.7542
YIQ	220.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

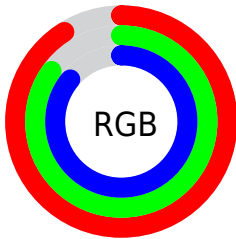
Format	Color
R _Y B	231, 216, 220
Decimal	15194332
CIE Lab	87.62, 5.84, -0.12
CIE LCh	88, 5.839, 358.830
Yxy	71.2680, 0.3209, 0.3248
Android (android.graphics.Color)	4293384412 (0xFFE7D8DC)
YUV	220.9410, -0.4639, 8.8217
Hunter-Lab	84.4204, 1.1809, 4.4860

Details

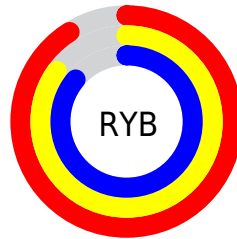
The XYZ color **70.4291, 71.2680, 77.7542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7626, 77.2986, 83.8674**, and the grayscale version is **68.6870, 72.2640, 78.6955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2156, 37.3203, 40.8394** is the 20% darker color. If you saturate the color by 10%, you get **62.7907, 59.4018, 64.6917**, and if you desaturate by 10%, it is **79.1310, 84.8953, 92.2953**.

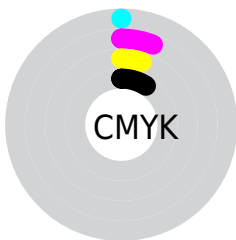
Distribution



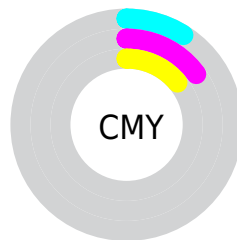
- Red (91%)
- Green (85%)
- Blue (86%)



- Red (91%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4291, 71.2680, 77.7542 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 70.4291, 71.2680, 77.7542 by changing the saturation by 10% instead.

70.4291, 71.2680,
77.7542

70.4291, 71.2680,
77.7542

451.2982,
464.9897, 506.8374

52.1573, 52.5609,
57.3568

118.8434,
121.0152, 131.9863

37.3552, 37.4524,
40.8805

149.7166,
152.8242, 166.6581

25.6576, 25.5579,
27.9067

185.5210,
189.7693, 206.9251

16.6990, 16.4932,
18.0169

226.6220,
232.2348, 253.2059

10.1141, 9.8738,
10.7926

273.3848,
280.6052, 305.9190

5.5375, 5.3154,
5.8151

326.1749,

2.6039, 2.4335,

335.2649, 365.4829

2.6660

385.3575,
396.5983, 432.3162

■ 0.9480, 0.8430,
0.9263

■ 0.0000, 0.0000,
0.0000

■ 70.4291, 71.2680,
77.7542

■ 70.4291, 71.2680,
77.7542

■ 62.7907, 59.4018,
64.6917

■ 79.1310, 84.8953,
92.2953

■ 56.1685, 49.2156,
53.0561

■ 86.5872, 95.6579,
107.5744

■ 50.5205, 40.6359,
42.7994

■ 86.7653, 95.7291,
108.5123

■ 45.7994, 33.5800,
33.8693

■ 41.9539, 27.9578,
26.2097

■ 38.9275, 23.6697,
19.7607

■ 36.6568, 20.6031,
14.4569

■ 35.0684, 18.6269,
10.2261

■ 34.0715, 17.5763,
6.9859

Harmonies

Analogous

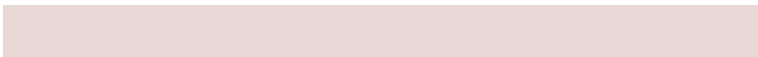
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0368, 71.2680, 81.6038



70.4291, 71.2680, 77.7542



70.0923, 71.2680, 73.9873

Triad

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



70.4291, 71.2680, 77.7542



66.4651, 71.2680, 71.1223



66.3723, 71.2680, 84.2926

Complementary

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



70.4291, 71.2680, 77.7542



70.7626, 77.2986, 83.8674

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.



65.4372, 71.2680, 81.3258



70.4291, 71.2680, 77.7542



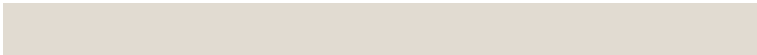
65.4903, 71.2680, 73.7269

Square

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



70.4291, 71.2680, 77.7542



67.7924, 71.2680, 70.2376



65.1165, 71.2680, 77.4435



67.6839, 71.2680, 85.4570

Rectangle

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



70.4291, 71.2680, 77.7542



69.5021, 71.2680, 72.0111



65.1165, 71.2680, 77.4435



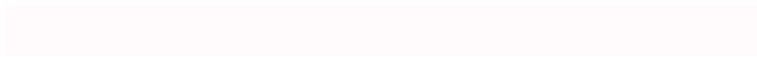
66.0042, 71.2680, 83.4682

Sweetspot

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



70.4311, 71.2711, 77.7557



92.8480, 96.5505, 105.2235



70.6605, 71.2155, 85.6239



19.8964, 20.7019, 22.5608



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.



70.4311, 71.2711, 77.7557



86.5675, 86.7413, 94.6462



70.8141, 72.8740, 75.3033



14.5339, 14.4308, 15.7460



18.9996, 9.7341, 3.6269



1.4418, 0.7344, 0.4668

Inverse Universe

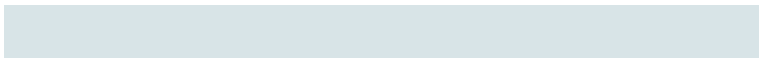
The Inverse Universe completely reimagines the original color for something new.



70.4311, 71.2711, 77.7557



86.5675, 86.7413, 94.6462



70.3512, 75.5826, 86.4831



14.5339, 14.4308, 15.7460



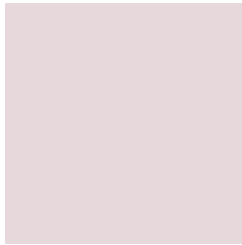
18.9996, 9.7341, 3.6269



1.4418, 0.7344, 0.4668

Previews

White Background



This preview shows how the XYZ color 70.4291, 71.2680, 77.7542 looks on a white background.

Color Contrast Check

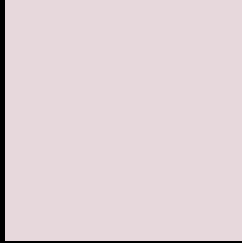
Large Text (above 18pt) WCAG AA × Fail

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 70.4291, 71.2680, 77.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

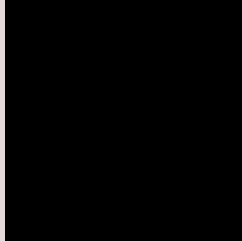
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

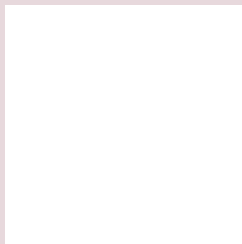
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4291, 71.2680, 77.7542

Background



This preview shows how black text looks on a background with the XYZ color 70.4291, 71.2680, 77.7542.

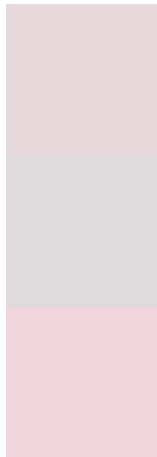


This preview shows how white text looks on a background with the XYZ color 70.4291, 71.2680,

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

70.4291, 71.2680, 77.7542

Protanopia

68.8141, 71.5715, 78.5944

Deuteranopia

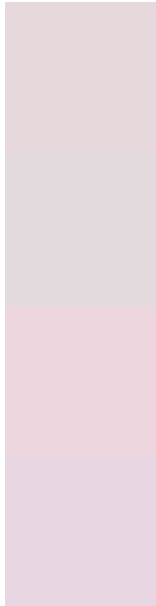
72.7806, 71.3342, 78.3395



Tritanopia

72.0746, 71.1863, 85.5429

Trichromacy



Original Color

70.4291, 71.2680, 77.7542

Protanomaly

69.4866, 71.5320, 78.5513

Deuteranomaly

72.0228, 71.3181, 78.3764

Tritanomaly

71.4443, 71.3027, 82.6703

Monochromacy



Original Color

70.4291, 71.2680, 77.7542

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4340, 71.8910, 78.6234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4291, 71.2680, 77.7542 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(231, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 220)  
}
```

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(231, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.4291, 71.2680, 77.7542 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(231, 216, 220) }
```


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

```
.border{ border-color:rgb(231, 216, 220) }
```

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

Here you see how a box with a 4 pixel rgb(231, 216, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4291, 71.2680, 77.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 220) }
```

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

```
.background{ background-color: rgb(231,  
216, 220) }
```

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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