

Converting Colors

XYZ(70.1727, 72.2240, 72.4384)

Have a look what the booklet for
XYZ(70.1727, 72.2240, 72.4384)
contains.

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Color

**XYZ(70.1702, 72.4054,
72.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DBD4
RGB	231, 219, 212
RGB Percent	91%, 86%, 83%
CMY	0.0941, 0.1412, 0.1686
CMYK	0.00, 0.05, 0.08, 0.09
HSL	22°, 28%, 87%
HSV	22°, 8%, 91%
XYZ	70.1702, 72.4054, 72.5646
YIQ	221.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

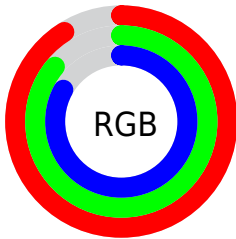
Format	Color
R _Y B	231, 223, 212
Decimal	15195092
CIE Lab	88.16, 2.92, 4.90
CIE LCh	88, 5.699, 59.192
Yxy	72.4054, 0.3262, 0.3365
Android (android.graphics.Color)	4293385172 (0xFFE7DBD4)
YUV	221.7900, -4.8265, 8.0772
Hunter-Lab	85.0914, -1.7107, 9.0024

Details

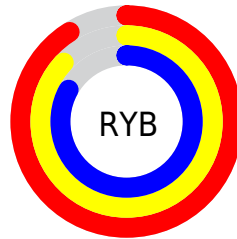
The XYZ color **70.1702, 72.4054, 72.5646** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2307, 73.0767, 86.1113**, and the grayscale version is **69.3130, 72.9227, 79.4128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0405, 38.0992, 37.2999** is the 20% darker color. If you saturate the color by 10%, you get **63.8230, 64.0450, 57.0861**, and if you desaturate by 10%, it is **77.2718, 81.6057, 90.3531**.

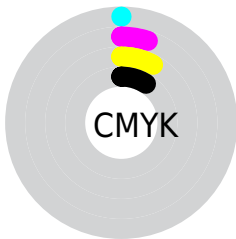
Distribution



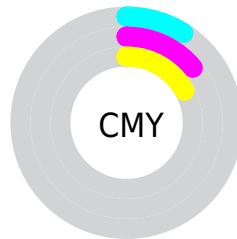
- Red (91%)
- Green (86%)
- Blue (83%)



- Red (91%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1702, 72.4054, 72.5646 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 70.1702, 72.4054, 72.5646 by changing the saturation by 10% instead.

70.1702, 72.4054,
72.5646

70.1702, 72.4054,
72.5646

450.4045,
468.9514, 488.5347

51.9454, 53.4899,
53.1304

118.4764,
122.6327, 124.5741

37.1856, 38.1940,
37.5184

149.2885,
154.7134, 157.9864

25.5256, 26.1333,
25.3102

185.0271,
191.9511, 196.8952

16.5999, 16.9234,
16.0872

226.0575,
234.7305, 241.7189

10.0432, 10.1799,
9.4309

272.7450,
283.4358, 292.8762

5.4901, 5.5184,
4.9226

325.4552,

2.5753, 2.5545,

338.4515, 350.7856

2.1440

384.5532,
400.1619, 415.8655

■ 0.9334, 0.9039,
0.6418

■ 0.0000, 0.0000,
0.0000

■ 70.1702, 72.4054,
72.5646

■ 70.1702, 72.4054,
72.5646

■ 63.8230, 64.0450,
57.0861

■ 77.2718, 81.6057,
90.3531

■ 58.1981, 56.4910,
43.8174

■ 84.6266, 91.4515,
107.7993

■ 53.2697, 49.7212,
32.6576

■ 86.7654, 95.7291,
108.5123

■ 49.0081, 43.7090,
23.4963

■ 45.3814, 38.4261,
16.2127

■ 42.3546, 33.8421,
10.6731

■ 39.8888, 29.9243,
6.7253

■ 37.9393, 26.6366,
4.1909

■ 36.4466, 23.9356,
2.8168

Harmonies

Analogous

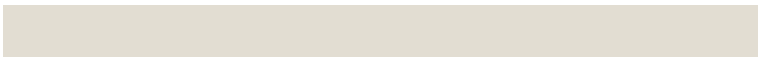
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1326, 72.4054, 75.2327



70.1702, 72.4054, 72.5646



68.8561, 72.4054, 71.5677

Triad

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



70.1702, 72.4054, 72.5646



66.2317, 72.4054, 78.7314



70.1054, 72.4054, 85.5729

Complementary

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



70.1702, 72.4054, 72.5646



68.2307, 73.0767, 86.1113

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.



68.7822, 72.4054, 86.5830



70.1702, 72.4054, 72.5646



66.5565, 72.4054, 82.5550

Square

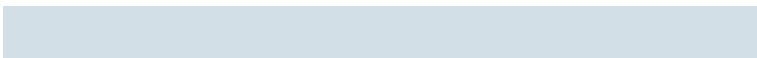
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1702, 72.4054, 72.5646



66.5926, 72.4054, 75.0551



67.4856, 72.4054, 85.4612



71.0948, 72.4054, 82.7442

Rectangle

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



70.1702, 72.4054, 72.5646



67.9612, 72.4054, 71.9588



67.4856, 72.4054, 85.4612



69.6843, 72.4054, 86.1405

Sweetspot

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



70.1722, 72.4086, 72.5662



93.2210, 97.6386, 104.2931



69.9585, 69.4606, 80.2657



19.9723, 20.9235, 22.3713



0.0000, 0.0000, 0.0000



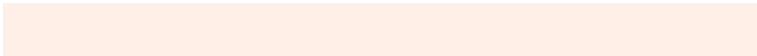
20.3446, 21.4041, 23.3091

Same Dimension

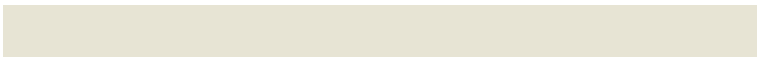
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1722, 72.4086, 72.5662



86.2901, 88.6197, 87.0526



72.7116, 77.4873, 73.4126



14.8099, 15.2337, 15.0643



20.4117, 13.3975, 1.5102



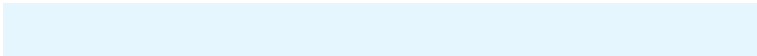
1.5947, 1.1628, 0.1404

Inverse Universe

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



68.2307, 73.0767, 86.1113



83.3571, 89.6287, 107.5144



65.7580, 68.1312, 85.2871



14.3375, 15.3963, 18.3605



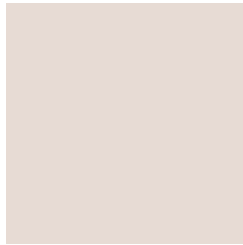
13.9578, 14.9777, 44.5385



1.1194, 1.2828, 3.3206

Previews

White Background



This preview shows how the XYZ color 70.1702, 72.4054, 72.5646 looks on a white background.

Color Contrast Check

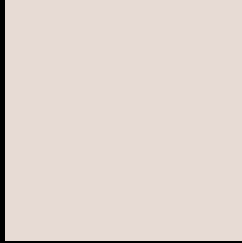
Large Text (above 18pt) WCAG AA × Fail

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 70.1702, 72.4054, 72.5646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

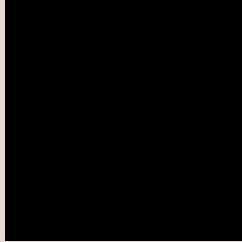
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

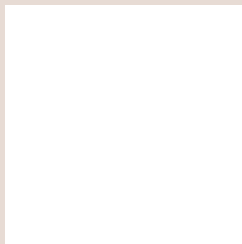
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1702, 72.4054, 72.5646

Background



This preview shows how black text looks on a background with the XYZ color 70.1702, 72.4054, 72.5646.



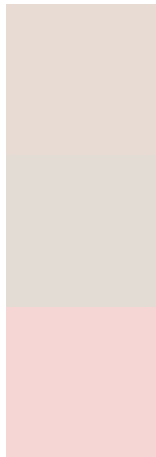
This preview shows how white text looks on a background with the XYZ color 70.1702, 72.4054,

72.5646.

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

70.1702, 72.4054, 72.5646

Protanopia

69.2820, 72.3214, 73.2587

Deuteranopia

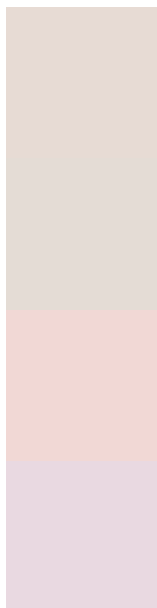
74.0628, 72.4901, 73.0392



Tritanopia

73.1955, 72.4874, 87.2244

Trichromacy



Original Color

70.1702, 72.4054, 72.5646

Protanomaly

69.5983, 72.4845, 73.2735

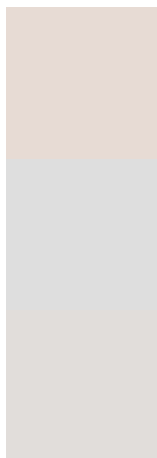
Deuteranomaly

72.8417, 72.6166, 73.1280

Tritanomaly

72.0077, 72.3856, 81.4108

Monochromacy



Original Color

70.1702, 72.4054, 72.5646

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5627, 72.7824, 76.7117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1702, 72.4054, 72.5646 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, 219, 212) looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 212)  
}
```

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, 219, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 212) }
```

Border

The CSS property to change the border of an element to XYZ 70.1702, 72.4054, 72.5646 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, 219, 212) }
```


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

```
.border{ border-color:rgb(231, 219, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 212);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1702, 72.4054, 72.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 212) }
```

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

```
.background{ background-color: rgb(231,  
219, 212) }
```

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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