

# Converting Colors

XYZ(69.4025, 72.0242, 71.8722)

Have a look what the booklet for  
XYZ(69.4025, 72.0242, 71.8722)  
contains.

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# **Color**

**XYZ(69.4025, 72.0242,  
71.8722)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DBD3
RGB	229, 219, 211
RGB Percent	90%, 86%, 83%
CMY	0.1020, 0.1412, 0.1725
CMYK	0.00, 0.04, 0.08, 0.10
HSL	27°, 26%, 86%
HSV	27°, 8%, 90%
XYZ	69.4025, 72.0242, 71.8722
YIQ	221.0780, 8.5280, -0.3680

# Conversions

## Conversions Part 2

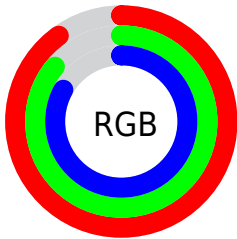
Format	Color
R <sub>Y</sub> B	229, 225, 211
Decimal	15064019
CIE Lab	87.98, 2.05, 5.14
CIE LCh	88, 5.532, 68.203
Yxy	72.0242, 0.3254, 0.3377
Android (android.graphics.Color)	4293254099 (0xFFE5DBD3)
YUV	221.0780, -4.9685, 6.9476
Hunter-Lab	84.8671, -2.5438, 9.1955

# Details

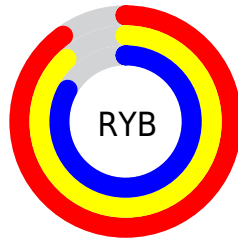
The XYZ color **69.4025, 72.0242, 71.8722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8632, 71.2178, 84.3519**, and the grayscale version is **68.8133, 72.3969, 78.8403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8168, 37.9839, 37.2895** is the 20% darker color. If you saturate the color by 10%, you get **63.5423, 64.5751, 56.7495**, and if you desaturate by 10%, it is **75.9292, 80.1502, 89.2366**.

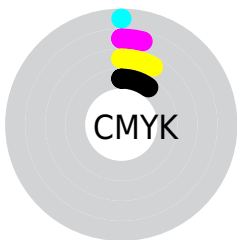
# Distribution



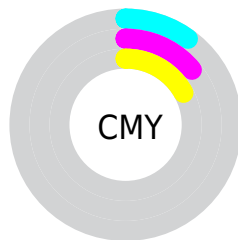
- Red (90%)
- Green (86%)
- Blue (83%)



- Red (90%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4025, 72.0242, 71.8722 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 69.4025, 72.0242, 71.8722 by changing the saturation by 10% instead.



■ 69.4025, 72.0242,  
71.8722

■ 69.4025, 72.0242,  
71.8722

447.7485,  
467.6258, 486.0622

■ 51.3174, 53.1784,  
52.5681

117.3872,  
122.0909, 123.5808

■ 36.6833, 37.9452,  
37.0727

148.0175,  
154.0807, 156.8225

■ 25.1350, 25.9402,  
24.9676

183.5603,  
191.2206, 195.5470

■ 16.3069, 16.7789,  
15.8341

224.3809,  
233.8950, 240.1730

■ 9.8338, 10.0770,  
9.2538

270.8447,  
282.4884, 291.1189

■ 5.3503, 5.4500,  
4.8080

323.3169,

■ 2.4911, 2.5137,

337.3850, 348.8034

2.0783

382.1631,  
398.9694, 413.6450

■ 0.8908, 0.8835,  
0.6028

■ 0.0000, 0.0000,  
0.0000

■ 69.4025, 72.0242,  
71.8722

■ 69.4025, 72.0242,  
71.8722

■ 63.5423, 64.5751,  
56.7495

■ 75.9292, 80.1502,  
89.2366

■ 58.3199, 57.7752,  
43.7714

■ 82.8466, 88.8445,  
107.3900

■ 53.7129, 51.6088,  
32.8405

■ 86.1235, 95.3982,  
108.4822

■ 49.6954, 46.0558,  
23.8498

■ 46.2393, 41.0948,  
16.6827

■ 43.3140, 36.7032,  
11.2098

■ 40.8852, 32.8562,  
7.2845

■ 38.9134, 29.5265,  
4.7344

■ 37.3464, 26.6811,  
3.3223

# Harmonies

## Analogous

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



70.4684, 72.0242, 74.0171



69.4025, 72.0242, 71.8722



68.0958, 72.0242, 71.4533

# Triad

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



69.4025, 72.0242, 71.8722



65.9782, 72.0242, 79.4626



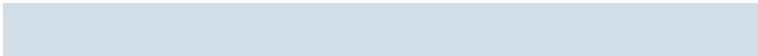
70.0367, 72.0242, 84.2669

# Complementary

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



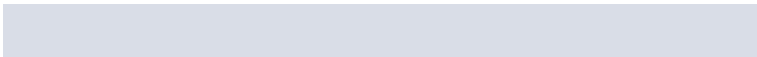
69.4025, 72.0242, 71.8722



66.8632, 71.2178, 84.3519

# 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.



68.8192, 72.0242, 85.8299



69.4025, 72.0242, 71.8722



66.4840, 72.0242, 82.9985

# Square

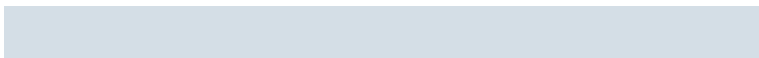
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4025, 72.0242, 71.8722



66.1299, 72.0242, 75.7570



67.5198, 72.0242, 85.3583



70.8378, 72.0242, 81.1490



# Rectangle

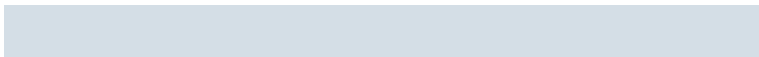
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4025, 72.0242, 71.8722



67.2657, 72.0242, 72.1962



67.5198, 72.0242, 85.3583



69.6619, 72.0242, 84.9961

# Sweetspot

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



69.4045, 72.0274, 71.8737



93.3428, 97.8821, 104.3337



68.6861, 68.4787, 78.1449



19.9971, 20.9731, 22.3795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

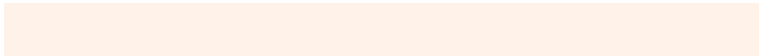


# Same Dimension

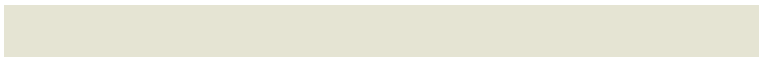
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4045, 72.0274, 71.8737



87.6407, 90.7453, 89.2776



71.7603, 76.7389, 72.6590



14.9019, 15.4177, 15.0949



21.2981, 15.1703, 1.8056



1.6653, 1.3039, 0.1639

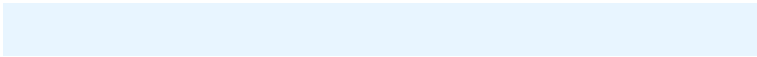


# Inverse Universe

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



66.8632, 71.2178, 84.3519



83.9353, 89.5649, 107.4716



64.6014, 66.6942, 83.5980



14.2432, 15.2078, 18.3290



12.5600, 12.1820, 44.0726

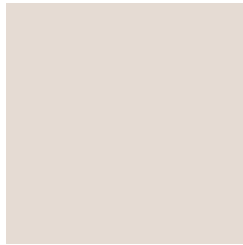


1.0205, 1.0849, 3.2876



# Previews

## White Background



This preview shows how the XYZ color 69.4025, 72.0242, 71.8722 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

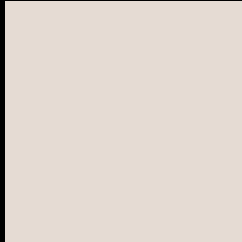
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.4025, 72.0242, 71.8722 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

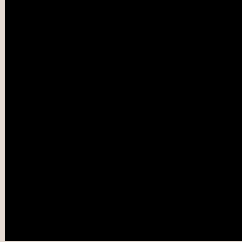
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

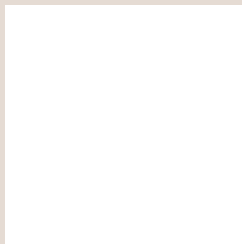
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 69.4025, 72.0242, 71.8722

## Background



This preview shows how black text looks on a background with the XYZ color 69.4025, 72.0242, 71.8722.



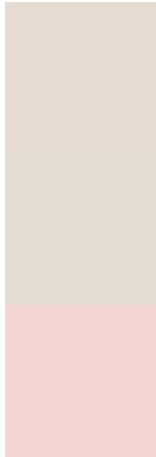
This preview shows how white text looks on a background with the XYZ color 69.4025, 72.0242, 71.8722.

71.8722.

# 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

69.4025, 72.0242, 71.8722

### Protanopia

69.0296, 72.2204, 71.9297

### Deuteranopia

73.3341, 71.7544, 72.2722



## Tritanopia

72.5426, 72.1507, 87.1939

# Trichromacy



## Original Color

69.4025, 72.0242, 71.8722

## Protanomaly

69.3460, 72.3835, 71.9445

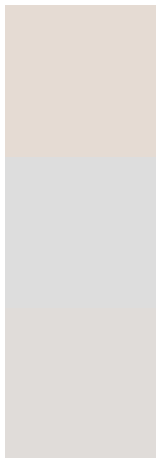
## Deuteranomaly

71.7807, 71.7051, 72.3446

## Tritanomaly

71.3585, 72.0509, 81.3804

# Monochromacy



## Original Color

69.4025, 72.0242, 71.8722

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

68.8581, 72.0434, 75.9222

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.4025, 72.0242, 71.8722 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, 219, 211) looks like.

```
.text, #text, p{  
    color:rgb(229, 219, 211)  
}
```

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, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 69.4025, 72.0242, 71.8722 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, 219, 211) }
```



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

```
.border{ border-color:rgb(229, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.4025, 72.0242, 71.8722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 211) }
```

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

```
.background{ background-color: rgb(229,  
219, 211) }
```

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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