

Converting Colors

XYZ(69.0967, 72.2838, 70.6320)

Have a look what the booklet for
XYZ(69.0967, 72.2838, 70.6320)
contains.

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Color

**XYZ(69.0967, 72.2838,
70.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DCD1
RGB	228, 220, 209
RGB Percent	89%, 86%, 82%
CMY	0.1059, 0.1372, 0.1804
CMYK	0.00, 0.04, 0.08, 0.11
HSL	35°, 26%, 86%
HSV	35°, 8%, 89%
XYZ	69.0967, 72.2838, 70.6320
YIQ	221.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

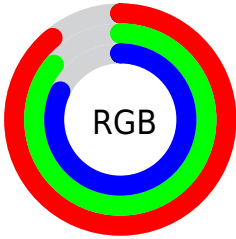
Format	Color
RYB	223, 228, 209
Decimal	14998737
CIELab	88.11, 0.85, 6.36
CIELCh	88, 6.417, 82.350
Yxy	72.2838, 0.3259, 0.3409
Android (android.graphics.Color)	4293188817 (0xFFE4DCD1)
YUV	221.1380, -5.9840, 6.0180
Hunter-Lab	85.0199, -3.7156, 10.2575

Details

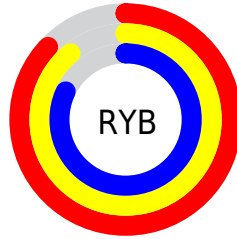
The XYZ color **69.0967, 72.2838, 70.6320** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1108, 68.7813, 83.2439**, and the grayscale version is **68.8624, 72.4486, 78.8966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6051, 38.1611, 36.4469** is the 20% darker color. If you saturate the color by 10%, you get **64.0277, 66.3441, 55.9979**, and if you desaturate by 10%, it is **74.7183, 78.6806, 87.4452**.

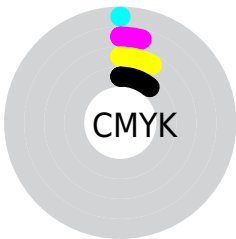
Distribution



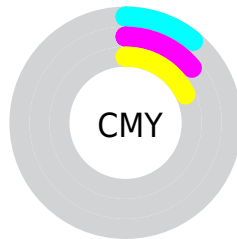
- Red (89%)
- Green (86%)
- Blue (82%)



- Red (87%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0967, 72.2838, 70.6320 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 69.0967, 72.2838, 70.6320 by changing the saturation by 10% instead.

■ 69.0967, 72.2838,
70.6320

■ 69.0967, 72.2838,
70.6320

446.6880,
468.5288, 481.6149

■ 51.0674, 53.3905,
51.5620

116.9530,
122.4599, 121.7991

■ 36.4835, 38.1146,
36.2762

147.5107,
154.5116, 154.7333

■ 24.9797, 26.0717,
24.3562

182.9752,
191.7182, 193.1260

■ 16.1906, 16.8773,
15.3834

223.7120,
234.4641, 237.3956

■ 9.7508, 10.1470,
8.9393

270.0863,
283.1337, 287.9608

■ 5.2950, 5.4965,
4.6053

322.4635,

■ 2.4579, 2.5414,

338.1114, 345.2400

1.9630

381.2089,
399.7817, 409.6519

■ 0.8741, 0.8973,
0.5324

■ 0.0000, 0.0000,
0.0000

■ 69.0967, 72.2838,
70.6320

■ 69.0967, 72.2838,
70.6320

■ 64.0277, 66.3441,
55.9979

■ 74.7183, 78.6806,
87.4452

■ 59.4858, 60.8402,
43.4473

■ 80.9049, 85.5360,
106.5180

■ 55.4523, 55.7633,
32.8848

■ 83.8562, 91.3360,
107.8177

■ 51.9048, 51.1002,
24.2053

■ 85.8052, 95.2341,
108.4674

■ 48.8192, 46.8371,
17.2942

■ 46.1687, 42.9591,
12.0239

■ 43.9233, 39.4497,
8.2498

■ 42.0479, 36.2902,
5.8014

■ 40.4930, 33.4563,
4.4326

Harmonies

Analogous

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



70.5197, 72.2838, 72.2091



69.0967, 72.2838, 70.6320



67.5889, 72.2838, 71.1533

Triad

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



69.0967, 72.2838, 70.6320



66.0136, 72.2838, 81.9583



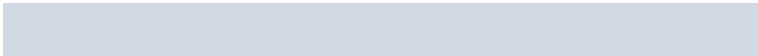
71.0636, 72.2838, 83.9742

Complementary

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



69.0967, 72.2838, 70.6320



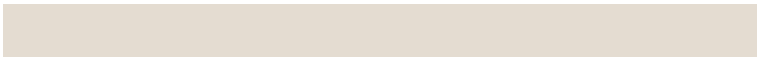
65.1108, 68.7813, 83.2439

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.



69.8304, 72.2838, 86.7725



69.0967, 72.2838, 70.6320



66.9189, 72.2838, 85.5787

Square

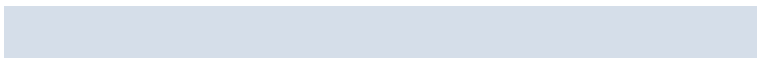
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0967, 72.2838, 70.6320



65.8237, 72.2838, 77.5864



68.3120, 72.2838, 87.3703



71.6662, 72.2838, 79.8338

Rectangle

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



69.0967, 72.2838, 70.6320



66.7372, 72.2838, 72.6300



68.3120, 72.2838, 87.3703



70.7082, 72.2838, 85.1092

Sweetspot

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



69.0987, 72.2870, 70.6336



93.5588, 98.3141, 104.4057



67.3510, 67.1179, 75.2111



20.0411, 21.0610, 22.3942



0.0000, 0.0000, 0.0000



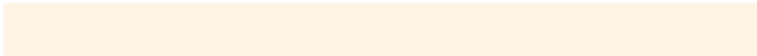
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0987, 72.2870, 70.6336



87.8844, 91.8084, 87.5841



70.8473, 76.3786, 71.3312



15.0668, 15.7475, 15.1499



23.3634, 19.3009, 2.4941



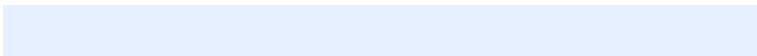
1.8179, 1.6091, 0.2148

Inverse Universe

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



65.1108, 68.7813, 83.2439



81.7511, 86.4168, 106.9791



63.4594, 64.9443, 82.5903



14.0788, 14.8790, 18.2742



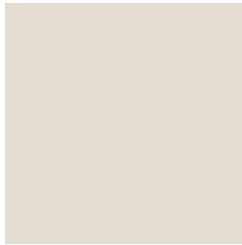
10.6103, 8.2827, 43.4227



0.8743, 0.7925, 3.2389

Previews

White Background



This preview shows how the XYZ color 69.0967, 72.2838, 70.6320 looks on a white background.

Color Contrast Check

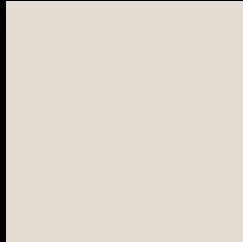
Large Text (above 18pt) WCAG AA × Fail

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 69.0967, 72.2838, 70.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

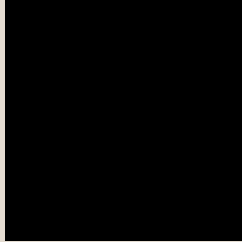
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0967, 72.2838, 70.6320

Background



This preview shows how black text looks on a background with the XYZ color 69.0967, 72.2838, 70.6320.

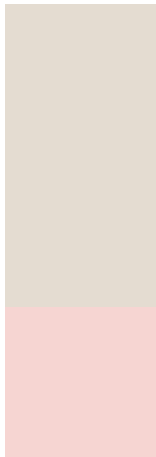


This preview shows how white text looks on a background with the XYZ color 69.0967, 72.2838, 70.6320.

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

69.0967, 72.2838, 70.6320

Protanopia

69.0967, 72.2838, 70.6320

Deuteranopia

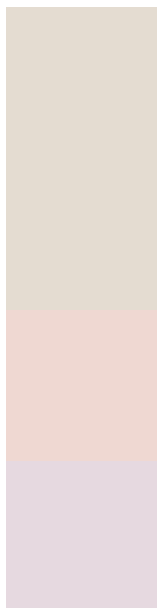
73.4331, 71.8345, 70.9679



Tritanopia

72.2188, 71.9839, 87.1787

Trichromacy



Original Color

69.0967, 72.2838, 70.6320

Protanomaly

69.0967, 72.2838, 70.6320

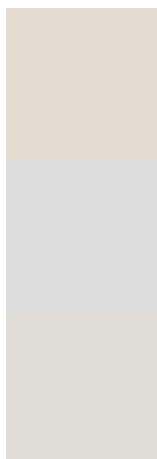
Deuteranomaly

71.7853, 72.1156, 71.1090

Tritanomaly

70.9005, 71.8305, 80.6488

Monochromacy



Original Color

69.0967, 72.2838, 70.6320

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1213, 72.5700, 76.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0967, 72.2838, 70.6320 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(228, 220, 209) looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 209)  
}
```

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(228, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.0967, 72.2838, 70.6320 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(228, 220, 209) }
```


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

```
.border{ border-color:rgb(228, 220, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(228, 220,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0967, 72.2838, 70.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 209) }
```

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

```
.background{ background-color: rgb(228,  
220, 209) }
```

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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