

Converting Colors

XYZ(69.3972, 72.7835, 68.1364)

Have a look what the booklet for
XYZ(69.3972, 72.7835, 68.1364)
contains.

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Color

**XYZ(69.5090, 72.9437,
68.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DDCD
RGB	230, 221, 205
RGB Percent	90%, 87%, 80%
CMY	0.0980, 0.1333, 0.1961
CMYK	0.00, 0.04, 0.11, 0.10
HSL	38°, 33%, 85%
HSV	38°, 11%, 90%
XYZ	69.5090, 72.9437, 68.1736
YIQ	221.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

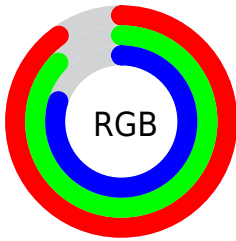
Format	Color
R_{YB}	219, 230, 205
Decimal	15130061
CIE Lab	88.42, 0.39, 8.94
CIE LCh	88, 8.945, 87.531
Yxy	72.9437, 0.3300, 0.3463
Android (android.graphics.Color)	4293320141 (0xFFE6DDCD)
YUV	221.8670, -8.3154, 7.1326
Hunter-Lab	85.4071, -4.1892, 12.4585

Details

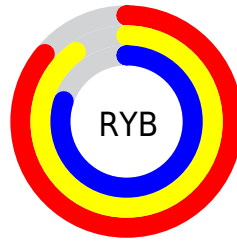
The XYZ color **69.5090, 72.9437, 68.1736** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5061, 66.7841, 84.4070**, and the grayscale version is **69.3906, 73.0043, 79.5017**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6777, 38.5055, 34.7773** is the 20% darker color. If you saturate the color by 10%, you get **64.8034, 67.6533, 53.8997**, and if you desaturate by 10%, it is **74.7345, 78.6192, 84.6361**.

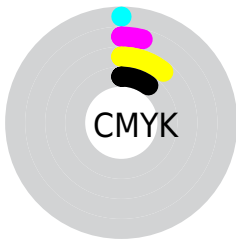
Distribution



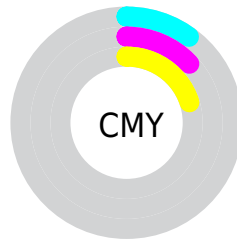
- Red (90%)
- Green (87%)
- Blue (80%)



- Red (86%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5090, 72.9437, 68.1736 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 69.5090, 72.9437, 68.1736 by changing the saturation by 10% instead.

■ 69.5090, 72.9437,
68.1736

■ 69.5090, 72.9437,
68.1736

448.1175,
470.8197, 472.7256

■ 51.4045, 53.9299,
49.5714

117.5384,
123.3973, 118.2570

■ 36.7530, 38.5456,
34.7042

148.1940,
155.6059, 150.5753

■ 25.1891, 26.4065,
23.1534

183.7640,
192.9815, 188.3028

■ 16.3475, 17.1280,
14.5004

224.6137,
235.9087, 231.8578

■ 9.8628, 10.3258,
8.3268

271.1086,
284.7717, 281.6591

■ 5.3696, 5.6155,
4.2140

323.6139,

■ 2.5027, 2.6127,

339.9549, 338.1252

1.7435

382.4951,
401.8428, 401.6745

■ 0.8966, 0.9331,
0.3903

■ 0.0000, 0.0000,
0.0000

■ 69.5090, 72.9437,
68.1736

■ 69.5090, 72.9437,
68.1736

■ 64.8034, 67.6533,
53.8997

■ 74.7345, 78.6192,
84.6361

■ 60.5925, 62.7283,
41.7157

■ 80.4921, 84.6799,
103.3707

■ 56.8576, 58.1611,
31.5225

■ 83.5884, 89.8532,
107.5456

■ 53.5765, 53.9402,
23.2109

■ 86.1598, 94.9959,
108.4027

■ 50.7249, 50.0533,
16.6609

■ 86.4434, 95.5631,
108.4972

■ 48.2758, 46.4869,
11.7388

■ 46.1986, 43.2260,
8.2915

■ 44.4567, 40.2532,
6.1360

■ 43.1049, 37.7661,
5.0177

Harmonies

Analogous

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



71.5736, 72.9437, 69.8485



69.5090, 72.9437, 68.1736



67.4377, 72.9437, 69.3815

Triad

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



69.5090, 72.9437, 68.1736



65.7296, 72.9437, 85.0218



72.8770, 72.9437, 85.9494

Complementary

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



69.5090, 72.9437, 68.1736



63.5061, 66.7841, 84.4070

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.



71.2590, 72.9437, 90.3900



69.5090, 72.9437, 68.1736



67.1354, 72.9437, 89.8353

Square

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



69.5090, 72.9437, 68.1736



65.2826, 72.9437, 78.9145



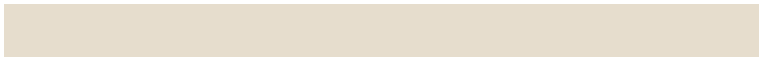
69.1529, 72.9437, 91.8471



73.5430, 72.9437, 79.9343

Rectangle

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



69.5090, 72.9437, 68.1736



66.3262, 72.9437, 71.6955



69.1529, 72.9437, 91.8471



72.4248, 72.9437, 87.6873

Sweetspot

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



69.5110, 72.9469, 68.1752



92.9707, 97.7733, 102.2512



66.6242, 65.3502, 72.8332



19.7828, 20.8018, 21.5150



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.



69.5110, 72.9469, 68.1752



86.4769, 90.6702, 81.9452



70.8905, 77.2789, 68.9386



15.1426, 15.8991, 15.1752



24.5232, 21.6205, 2.8807



1.8994, 1.7722, 0.2420

Inverse Universe

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



63.5061, 66.7841, 84.4070



77.4879, 81.4452, 106.2442



62.2214, 62.8351, 83.7125



14.0052, 14.7317, 18.2497



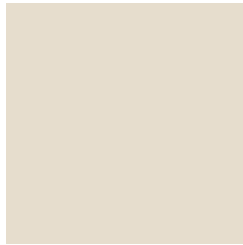
9.9324, 6.9270, 43.1967



0.8196, 0.6831, 3.2206

Previews

White Background



This preview shows how the XYZ color 69.5090, 72.9437, 68.1736 looks on a white background.

Color Contrast Check

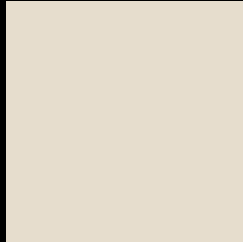
Large Text (above 18pt) WCAG AA × Fail

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 69.5090, 72.9437, 68.1736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

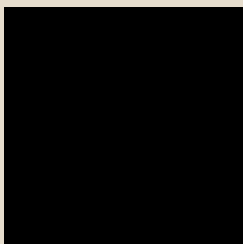
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

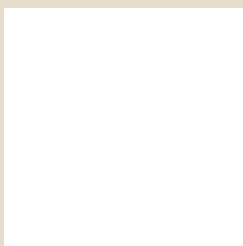
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5090, 72.9437, 68.1736

Background



This preview shows how black text looks on a background with the XYZ color 69.5090, 72.9437, 68.1736.

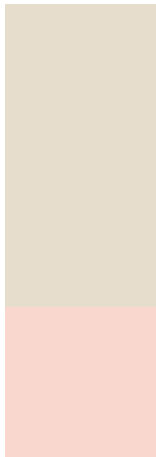


This preview shows how white text looks on a background with the XYZ color 69.5090, 72.9437,

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

69.5090, 72.9437, 68.1736

Protanopia

69.5090, 72.9437, 68.1736

Deuteranopia

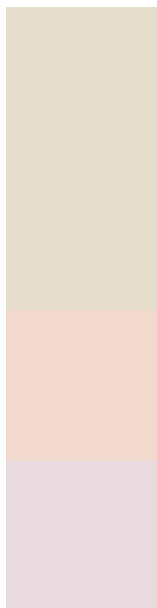
74.2541, 72.6891, 68.5093



Tritanopia

73.5958, 73.0586, 88.0647

Trichromacy



Original Color

69.5090, 72.9437, 68.1736

Protanomaly

69.5090, 72.9437, 68.1736

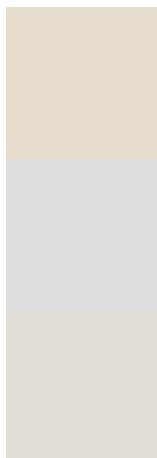
Deuteranomaly

72.5714, 72.9592, 68.6501

Tritanomaly

71.9950, 72.7942, 80.0682

Monochromacy



Original Color

69.5090, 72.9437, 68.1736

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5673, 73.2080, 75.4297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5090, 72.9437, 68.1736 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, 221, 205) looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 205)  
}
```

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, 221, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 205) }
```

Border

The CSS property to change the border of an element to XYZ 69.5090, 72.9437, 68.1736 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, 221, 205) }
```


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

```
.border{ border-color:rgb(230, 221, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 221, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 205);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5090, 72.9437, 68.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 205) }
```

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

```
.background{ background-color: rgb(230,  
221, 205) }
```

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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