

Converting Colors

XYZ(69.9659, 72.4147, 73.4697)

Have a look what the booklet for
XYZ(69.9659, 72.4147, 73.4697)
contains.

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Color

**XYZ(69.9749, 72.2901,
73.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DBD5
RGB	230, 219, 213
RGB Percent	90%, 86%, 84%
CMY	0.0980, 0.1412, 0.1647
CMYK	0.00, 0.05, 0.07, 0.10
HSL	21°, 25%, 87%
HSV	21°, 7%, 90%
XYZ	69.9749, 72.2901, 73.2161
YIQ	221.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

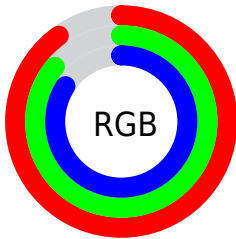
Format	Color
R_{YB}	230, 222, 213
Decimal	15129557
CIE Lab	88.11, 2.74, 4.28
CIE LCh	88, 5.080, 57.385
Yxy	72.2901, 0.3247, 0.3355
Android (android.graphics.Color)	4293319637 (0xFFE6DBD5)
YUV	221.6050, -4.2423, 7.3624
Hunter-Lab	85.0236, -1.8847, 8.4603

Details

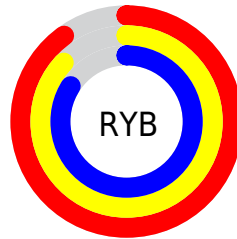
The XYZ color **69.9749, 72.2901, 73.2161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3791, 73.1695, 85.3830**, and the grayscale version is **69.1791, 72.7818, 79.2593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9026, 38.0182, 37.7410** is the 20% darker color. If you saturate the color by 10%, you get **63.5514, 63.7878, 57.6788**, and if you desaturate by 10%, it is **77.1635, 81.6582, 91.0528**.

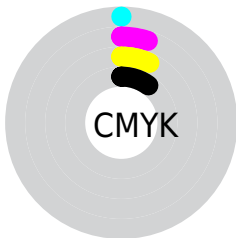
Distribution



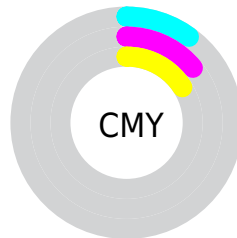
- Red (90%)
- Green (86%)
- Blue (84%)



- Red (90%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9749, 72.2901, 73.2161 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 69.9749, 72.2901, 73.2161 by changing the saturation by 10% instead.

69.9749, 72.2901,
73.2161

69.9749, 72.2901,
73.2161

449.7297,
468.5507, 490.8543

51.7856, 53.3957,
53.6598

118.1994,
122.4689, 125.5077

37.0578, 38.1187,
37.9384

148.9654,
154.5221, 159.0801

25.4261, 26.0749,
25.6334

184.6542,
191.7303, 198.1615

16.5252, 16.8797,
16.3263

225.6313,
234.4779, 243.1707

9.9898, 10.1487,
9.5985

272.2621,
283.1494, 294.5259

5.4544, 5.4977,
5.0315

324.9118,

2.5537, 2.5421,

338.1291, 352.6459

2.2067

383.9459,
399.8014, 417.9492

■ 0.9224, 0.8977,
0.6782

■ 0.0000, 0.0000,
0.0000

■ 69.9749, 72.2901,
73.2161

■ 69.9749, 72.2901,
73.2161

■ 63.5514, 63.7878,
57.6788

■ 77.1635, 81.6582,
91.0528

■ 57.8604, 56.1167,
44.3419

■ 84.4849, 91.6460,
107.8444

■ 52.8761, 49.2538,
33.1061

■ 86.4435, 95.5632,
108.4972

■ 48.5686, 43.1714,
23.8626

■ 44.9056, 37.8400,
16.4926

■ 41.8521, 33.2283,
10.8646

■ 39.3689, 29.3021,
6.8298

■ 37.4114, 26.0242,
4.2138

■ 35.9237, 23.3510,
2.7861

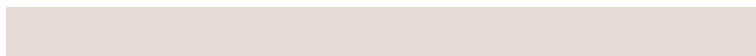
Harmonies

Analogous

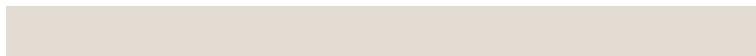
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8023, 72.2901, 75.6778



69.9749, 72.2901, 73.2161



68.8161, 72.2901, 72.2231

Triad

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



69.9749, 72.2901, 73.2161



66.4050, 72.2901, 78.4071



69.7884, 72.2901, 84.7955

Complementary

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



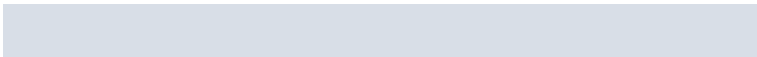
69.9749, 72.2901, 73.2161



68.3791, 73.1695, 85.3830

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.



68.6032, 72.2901, 85.5775



69.9749, 72.2901, 73.2161



66.6585, 72.2901, 81.8255

Square

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



69.9749, 72.2901, 73.2161



66.7629, 72.2901, 75.1645



67.4596, 72.2901, 84.4755



70.6937, 72.2901, 82.3686

Rectangle

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



69.9749, 72.2901, 73.2161



68.0148, 72.2901, 72.5052



67.4596, 72.2901, 84.4755



69.4091, 72.2901, 85.2625

Sweetspot

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



69.9769, 72.2933, 73.2177



93.1963, 97.5891, 104.2849



69.8897, 69.7971, 80.3461



19.9673, 20.9134, 22.3696



0.0000, 0.0000, 0.0000



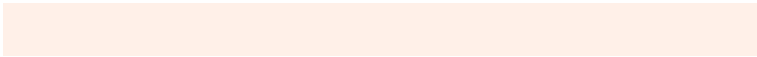
20.3446, 21.4041, 23.3091

Same Dimension

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



69.9769, 72.2933, 73.2177



87.0184, 89.5007, 89.0702



72.2367, 76.8128, 73.9709



14.7913, 15.1966, 15.0581



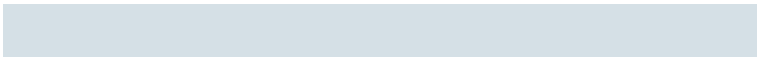
20.2549, 13.0839, 1.4579



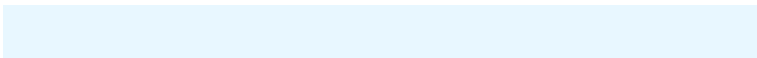
1.5817, 1.1368, 0.1361

Inverse Universe

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



68.3791, 73.1695, 85.3830



84.5735, 90.8413, 107.6844



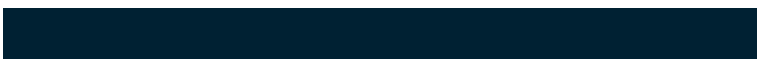
66.1653, 68.7419, 84.6451



14.3567, 15.4348, 18.3669



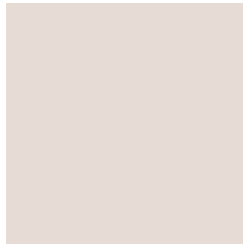
14.2693, 15.6007, 44.6423



1.1411, 1.3261, 3.3278

Previews

White Background



This preview shows how the XYZ color 69.9749, 72.2901, 73.2161 looks on a white background.

Color Contrast Check

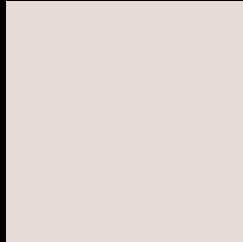
Large Text (above 18pt) WCAG AA × Fail

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 69.9749, 72.2901, 73.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

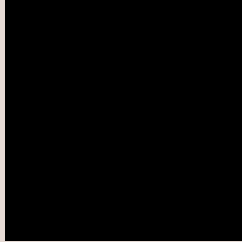
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

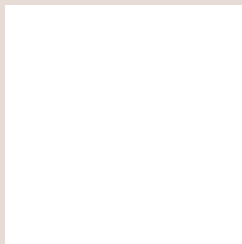
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9749, 72.2901, 73.2161

Background



This preview shows how black text looks on a background with the XYZ color 69.9749, 72.2901, 73.2161.

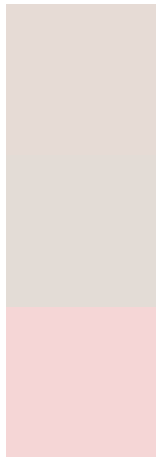


This preview shows how white text looks on a background with the XYZ color 69.9749, 72.2901,

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

69.9749, 72.2901, 73.2161

Protanopia

69.4094, 72.3723, 73.9293

Deuteranopia

73.8404, 72.3607, 73.6935



Tritanopia

72.8681, 72.3186, 87.2091

Trichromacy



Original Color

69.9749, 72.2901, 73.2161

Protanomaly

69.7257, 72.5354, 73.9441

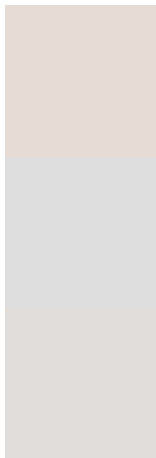
Deuteranomaly

72.6286, 72.4920, 73.7827

Tritanomaly

71.8190, 72.2725, 82.1162

Monochromacy



Original Color

69.9749, 72.2901, 73.2161

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6940, 72.8349, 77.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9749, 72.2901, 73.2161 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, 219, 213) looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 213)  
}
```

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, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.9749, 72.2901, 73.2161 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, 219, 213) }
```


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

```
.border{ border-color:rgb(230, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9749, 72.2901, 73.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 213) }
```

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

```
.background{ background-color: rgb(230,  
219, 213) }
```

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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