

# Converting Colors

XYZ(72.9322, 74.6944, 68.9660)

Have a look what the booklet for  
XYZ(72.9322, 74.6944, 68.9660)  
contains.

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# Color

**XYZ(72.9322, 74.6944,  
68.9660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DDCE
RGB	240, 221, 206
RGB Percent	94%, 87%, 81%
CMY	0.0588, 0.1333, 0.1922
CMYK	0.00, 0.08, 0.14, 0.06
HSL	26°, 53%, 87%
HSV	26°, 14%, 94%
XYZ	72.9322, 74.6944, 68.9660
YIQ	224.9710, 16.1390, -0.6370

# Conversions

## Conversions Part 2

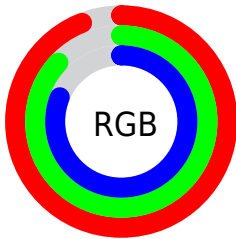
Format	Color
R <sub>Y</sub> B	240, 233, 206
Decimal	15785422
CIE Lab	89.25, 4.09, 9.71
CIE LCh	89, 10.532, 67.149
Yxy	74.6944, 0.3367, 0.3449
Android (android.graphics.Color)	4293975502 (0xFFF0DDCE)
YUV	224.9710, -9.3527, 13.1804
Hunter-Lab	86.4259, -0.6147, 13.1860

# Details

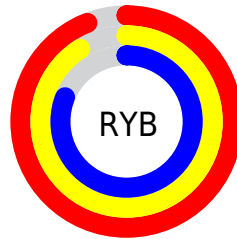
The XYZ color **72.9322, 74.6944, 68.9660** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1066, 73.2619, 92.9901**, and the grayscale version is **71.6059, 75.3350, 82.0398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0709, 39.7298, 35.3151** is the 20% darker color. If you saturate the color by 10%, you get **66.8369, 66.8185, 53.6314**, and if you desaturate by 10%, it is **79.7596, 83.3206, 86.7428**.

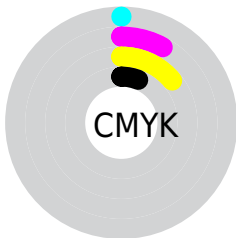
# Distribution



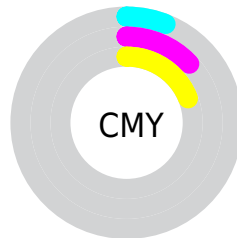
- Red (94%)
- Green (87%)
- Blue (81%)



- Red (94%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (6%)




- Cyan (6%)
- Magenta (13%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9322, 74.6944, 68.9660 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 72.9322, 74.6944, 68.9660 by changing the saturation by 10% instead.




 72.9322, 74.6944,  
68.9660

 72.9322, 74.6944,  
68.9660


459.8872,  
476.8665, 475.6017

 54.2087, 55.3626,  
50.2124


122.3846,  
125.8797, 119.4003

 38.9999, 39.6921,  
35.2099


153.8442,  
158.5019, 151.9180

 26.9404, 27.2985,  
23.5397


190.2799,  
196.3231, 189.8610

 17.6648, 17.7976,  
14.7835

232.0571,  
239.7275, 233.6476

 10.8078, 10.8047,  
8.5227

279.5410,  
289.0997, 283.6964

 6.0041, 5.9357,  
4.3386

333.0971,

 2.8883, 2.8060,

344.8240, 340.4260

1.8129

393.0907,  
407.2848, 404.2550

■ 1.0949, 1.0313,  
0.4364

■ 0.0209, 0.0000,  
0.0000

■ 72.9322, 74.6944,  
68.9660

■ 72.9322, 74.6944,  
68.9660

■ 66.8369, 66.8185,  
53.6314

■ 79.7596, 83.3206,  
86.7428

■ 61.4410, 59.6617,  
40.6260

■ 87.3381, 92.7073,  
107.0585

■ 56.7178, 53.2051,  
29.8350

■ 89.7455, 97.2654,  
108.6518

■ 52.6369, 47.4250,  
21.1319

■ 49.1647, 42.2963,  
14.3771

■ 46.2643, 37.7918,  
9.4137

■ 43.8936, 33.8818,  
6.0602

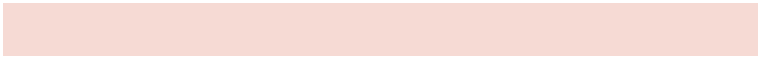
■ 42.0025, 30.5326,  
4.0951

■ 41.0808, 28.8160,  
3.3968

# Harmonies

## Analogous

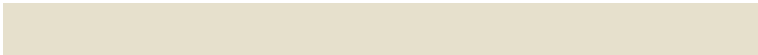
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0091, 74.6944, 73.0744



72.9322, 74.6944, 68.9660



70.3812, 74.6944, 68.0729

# Triad

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



72.9322, 74.6944, 68.9660



66.2010, 74.6944, 83.1046



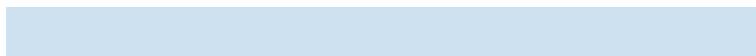
74.0227, 74.6944, 93.1463

# Complementary

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



72.9322, 74.6944, 68.9660



68.1066, 73.2619, 92.9901

# 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.



71.6119, 74.6944, 96.2043



72.9322, 74.6944, 68.9660



67.1263, 74.6944, 90.1840

# Square

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



72.9322, 74.6944, 68.9660



66.5352, 74.6944, 75.9536



69.0920, 74.6944, 95.0888



75.6493, 74.6944, 86.9533



# Rectangle

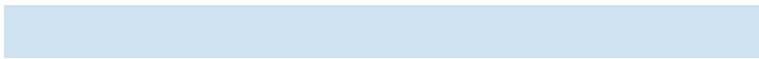
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9322, 74.6944, 68.9660



68.7624, 74.6944, 69.3689



69.0920, 74.6944, 95.0888



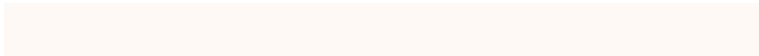
73.2749, 74.6944, 94.5915

# Sweetspot

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



72.9342, 74.6977, 68.9676



91.6598, 95.7782, 99.8823



71.6343, 68.1197, 80.7988



19.4858, 20.3339, 21.0272



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

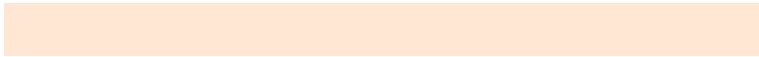


# Same Dimension

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



72.9342, 74.6977, 68.9676



81.5942, 83.0250, 73.7811



77.5735, 83.9761, 70.5140



16.3469, 16.9069, 16.5515



22.6157, 16.0296, 1.9020



1.9790, 1.5286, 0.1907

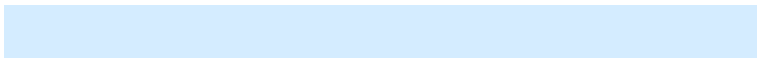


# Inverse Universe

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



68.1066, 73.2619, 92.9901



75.0584, 81.0807, 106.3019



63.8037, 64.6560, 91.5558



15.6298, 16.6937, 20.1200



13.4179, 13.0601, 46.9415

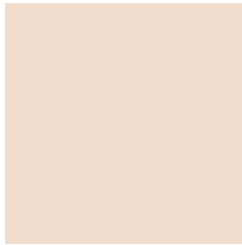


1.2152, 1.2845, 3.9381



# Previews

## White Background



This preview shows how the XYZ color 72.9322, 74.6944, 68.9660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

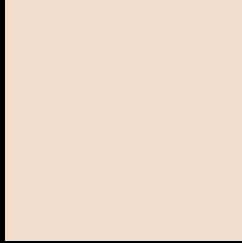
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.9322, 74.6944, 68.9660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

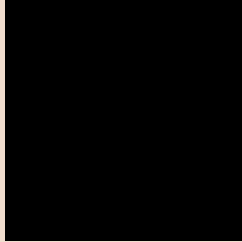
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.9322, 74.6944, 68.9660**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.9322, 74.6944, 68.9660.



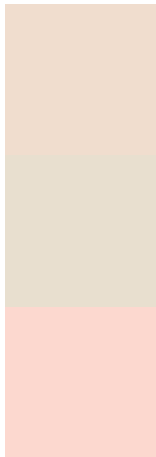
This preview shows how white text looks on a background with the XYZ color 72.9322, 74.6944,

68.9660.

# 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

72.9322, 74.6944, 68.9660

### Protanopia

70.9289, 74.4362, 69.6607

### Deuteranopia

75.9632, 74.3122, 69.3715



## Tritanopia

76.9724, 74.7993, 88.2227

# Trichromacy



## Original Color

72.9322, 74.6944, 68.9660

## Protanomaly

71.6447, 74.4097, 69.6179

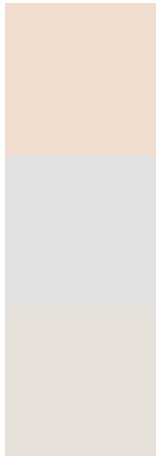
## Deuteranomaly

75.0453, 74.6043, 69.4762

## Tritanomaly

75.4881, 74.5793, 80.9376

# Monochromacy



## Original Color

72.9322, 74.6944, 68.9660

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

71.9437, 75.1963, 77.0522

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.9322, 74.6944, 68.9660 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(240, 221, 206) looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 206)  
}
```

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(240, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 72.9322, 74.6944, 68.9660 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(240, 221, 206) }
```



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

```
.border{ border-color:rgb(240, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.9322, 74.6944, 68.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 206) }
```

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

```
.background{ background-color: rgb(240,  
221, 206) }
```

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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