

Converting Colors

XYZ(68.0676, 73.0640, 67.9213)

Have a look what the booklet for
XYZ(68.0676, 73.0640, 67.9213)
contains.

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Color

**XYZ(68.0272, 72.9823,
67.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFCC
RGB	224, 223, 204
RGB Percent	88%, 87%, 80%
CMY	0.1216, 0.1255, 0.2000
CMYK	0.00, 0.00, 0.09, 0.12
HSL	57°, 24%, 84%
HSV	57°, 9%, 88%
XYZ	68.0272, 72.9823, 67.6283
YIQ	221.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

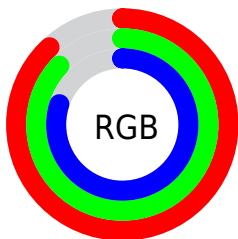
Format	Color
R _Y B	205, 224, 204
Decimal	14737356
CIE Lab	88.44, -2.92, 9.43
CIE LCh	88, 9.867, 107.203
Yxy	72.9823, 0.3261, 0.3498
Android (android.graphics.Color)	4292927436 (0xFFE0DFCC)
YUV	221.1330, -8.4466, 2.5144
Hunter-Lab	85.4297, -7.3633, 12.8653

Details

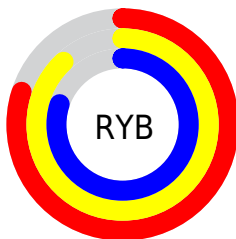
The XYZ color **68.0272, 72.9823, 67.6283** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1876, 61.8807, 79.2936**, and the grayscale version is **68.8765, 72.4634, 78.9127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8698, 38.6423, 34.4223** is the 20% darker color. If you saturate the color by 10%, you get **65.2354, 71.3930, 54.3823**, and if you desaturate by 10%, it is **71.2114, 74.7365, 82.9132**.

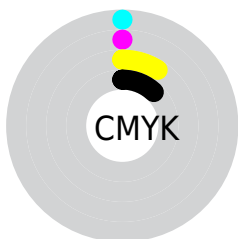
Distribution



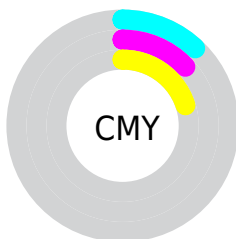
- Red (88%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0272, 72.9823, 67.6283 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 68.0272, 72.9823, 67.6283 by changing the saturation by 10% instead.

68.0272, 72.9823,
67.6283

68.0272, 72.9823,
67.6283

442.9676,
470.9535, 470.7402

50.1936, 53.9615,
49.1306

115.4327,
123.4521, 117.4694

35.7857, 38.5709,
34.3568

145.7354,
155.6698, 149.6499

24.4381, 26.4261,
22.8882

180.9252,
193.0554, 187.2284

15.7854, 17.1426,
14.3065

221.3674,
235.9931, 230.6235

9.4623, 10.3362,
8.1930

267.4274,
284.8673, 280.2537

5.1034, 5.6225,
4.1291

319.4705,

2.3435, 2.6169,

340.0626, 336.5375

1.6964

377.8621,
401.9631, 399.8935

■ 0.8168, 0.9352,
0.3583

■ 0.0000, 0.0000,
0.0000

■ 68.0272, 72.9823,
67.6283

■ 68.0272, 72.9823,
67.6283

■ 65.2354, 71.3930,
54.3823

■ 71.2114, 74.7365,
82.9132

■ 62.8136, 69.9524,
43.0842

■ 74.7976, 76.6523,
100.3137

■ 60.7462, 68.6567,
33.6427

■ 76.0823, 77.6506,
105.5858

■ 59.0143, 67.4982,
25.9577

■ 76.3871, 78.2601,
105.6874

■ 57.5969, 66.4687,
19.9196

■ 76.6938, 78.8736,
105.7897

■ 56.4708, 65.5589,
15.4064

■ 77.0025, 79.4910,
105.8926

■ 55.6099, 64.7582,
12.2793

■ 77.3132, 80.1124,
105.9961

■ 54.9828, 64.0542,
10.3743

■ 77.6259, 80.7377,
106.1004

■ 54.5413, 63.4274,
9.4370

■ 77.9406, 81.3671,
106.2053

Harmonies

Analogous

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



70.3827, 72.9823, 67.3952



68.0272, 72.9823, 67.6283



66.0741, 72.9823, 70.9164

Triad

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



68.0272, 72.9823, 67.6283



66.3144, 72.9823, 89.4412



73.9112, 72.9823, 82.3941

Complementary

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



68.0272, 72.9823, 67.6283



60.1876, 61.8807, 79.2936

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.



72.7685, 72.9823, 88.6751



68.0272, 72.9823, 67.6283



68.3620, 72.9823, 92.8969

Square

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



68.0272, 72.9823, 67.6283



65.1008, 72.9823, 83.3917



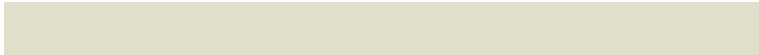
70.7253, 72.9823, 92.6087



73.8166, 72.9823, 75.6641

Rectangle

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



68.0272, 72.9823, 67.6283



65.2469, 72.9823, 74.5104



70.7253, 72.9823, 92.6087



73.6580, 72.9823, 84.6352

Sweetspot

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



68.0292, 72.9855, 67.6299



93.7212, 99.2744, 102.5014



63.3536, 63.4418, 66.6650



19.9860, 21.2080, 21.5827



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.



68.0292, 72.9855, 67.6299



90.4145, 97.4359, 86.6785



65.5799, 72.1188, 67.5917



14.8103, 15.9065, 14.5965



31.7474, 36.9327, 5.4555



2.2188, 2.5964, 0.3842

Inverse Universe

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



60.1876, 61.8807, 79.2936



77.5515, 79.2201, 105.8114



62.4889, 62.7147, 79.3333



13.0065, 13.3521, 17.2794



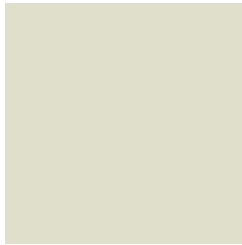
7.9266, 3.3227, 41.2719



0.5690, 0.2695, 2.8673

Previews

White Background



This preview shows how the XYZ color 68.0272, 72.9823, 67.6283 looks on a white background.

Color Contrast Check

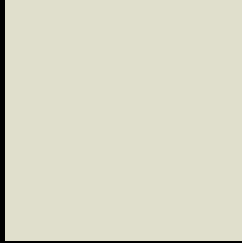
Large Text (above 18pt) WCAG AA × Fail

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 68.0272, 72.9823, 67.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

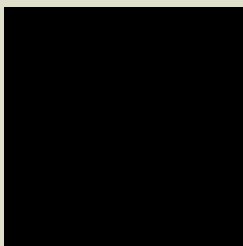
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

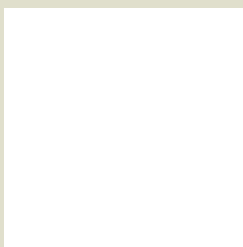
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0272, 72.9823, 67.6283

Background



This preview shows how black text looks on a background with the XYZ color 68.0272, 72.9823, 67.6283.

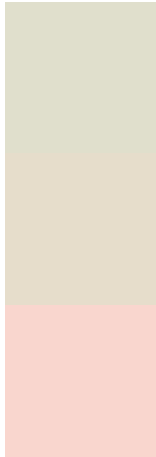


This preview shows how white text looks on a background with the XYZ color 68.0272, 72.9823, 67.6283.

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

68.0272, 72.9823, 67.6283

Protanopia

69.2691, 72.8477, 66.9101

Deuteranopia

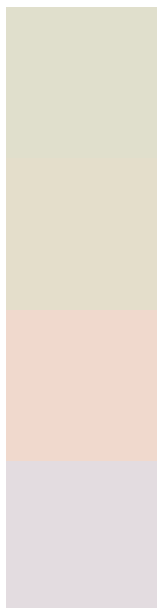
74.2541, 72.6891, 68.5093



Tritanopia

72.5248, 72.8569, 89.5972

Trichromacy



Original Color

68.0272, 72.9823, 67.6283

Protanomaly

68.8957, 73.0483, 66.9685

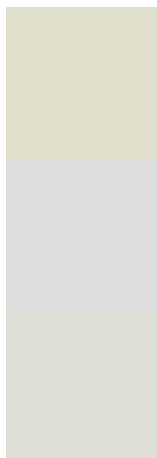
Deuteranomaly

71.7675, 72.5588, 67.9803

Tritanomaly

70.7263, 72.8991, 80.8643

Monochromacy



Original Color

68.0272, 72.9823, 67.6283

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5112, 72.6784, 74.7074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0272, 72.9823, 67.6283 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(224, 223, 204) looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 204)  
}
```

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(224, 223, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 204) }
```

Border

The CSS property to change the border of an element to XYZ 68.0272, 72.9823, 67.6283 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(224, 223, 204) }
```


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

```
.border{ border-color:rgb(224, 223, 204) }
```

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

Here you see how a box with a 4 pixel rgb(224, 223, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0272, 72.9823, 67.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 204) }
```

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

```
.background{ background-color: rgb(224,  
223, 204) }
```

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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