

Converting Colors

XYZ(67.9070, 70.9613, 73.0697)

Have a look what the booklet for
XYZ(67.9070, 70.9613, 73.0697)
contains.

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Color

**XYZ(67.8221, 70.7942,
73.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DAD5
RGB	224, 218, 213
RGB Percent	88%, 85%, 84%
CMY	0.1216, 0.1451, 0.1647
CMYK	0.00, 0.03, 0.05, 0.12
HSL	27°, 15%, 86%
HSV	27°, 5%, 88%
XYZ	67.8221, 70.7942, 73.0408
YIQ	219.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

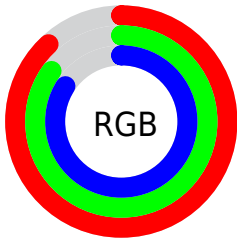
Format	Color
RYB	224, 222, 213
Decimal	14736085
CIELab	87.38, 1.18, 3.17
CIELCh	87, 3.383, 69.649
Yxy	70.7942, 0.3204, 0.3345
Android (android.graphics.Color)	4292926165 (0xFFE0DAD5)
YUV	219.2240, -3.0684, 4.1886
Hunter-Lab	84.1393, -3.3604, 7.4282

Details

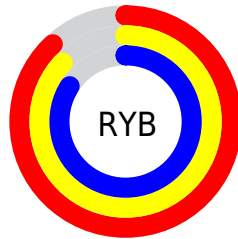
The XYZ color **67.8221, 70.7942, 73.0408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2265, 70.1899, 80.5793**, and the grayscale version is **67.5072, 71.0228, 77.3439**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6309, 37.0980, 37.6304** is the 20% darker color. If you saturate the color by 10%, you get **62.1231, 63.6357, 58.0692**, and if you desaturate by 10%, it is **74.1511, 78.5825, 90.1616**.

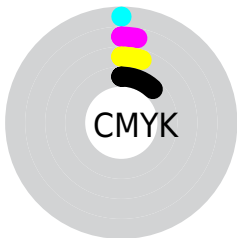
Distribution



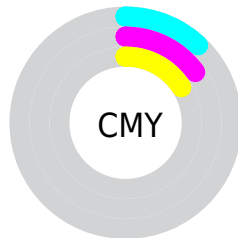
- Red (88%)
- Green (85%)
- Blue (84%)



- Red (88%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8221, 70.7942, 73.0408 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 67.8221, 70.7942, 73.0408 by changing the saturation by 10% instead.

■ 67.8221, 70.7942,
73.0408

■ 67.8221, 70.7942,
73.0408

442.2521,
463.3337, 490.2308

■ 50.0262, 52.1743,
53.5173

115.1409,
120.3406, 125.2566

■ 35.6521, 37.1440,
37.8253

145.3945,
152.0359, 158.7859

■ 24.3345, 25.3190,
25.5464

180.5314,
188.8585, 197.8210

■ 15.7080, 16.3149,
16.2619

220.9168,
231.1927, 242.7803

■ 9.4073, 9.7472,
9.5533

266.9163,
279.4229, 294.0824

■ 5.0670, 5.2317,
5.0021

318.8951,

■ 2.3218, 2.3838,

333.9335, 352.1458

2.1897

377.2186,
395.1090, 417.3891

■ 0.8058, 0.8176,
0.6684

■ 0.0000, 0.0000,
0.0000

■ 67.8221, 70.7942,
73.0408

■ 67.8221, 70.7942,
73.0408

■ 62.1231, 63.6357,
58.0692

■ 74.1511, 78.5825,
90.1616

■ 57.0271, 57.0814,
45.1563

■ 80.6697, 86.8253,
107.1149

■ 52.5140, 51.1173,
34.2119

■ 84.4346, 94.3551,
108.3699

■ 48.5599, 45.7251,
25.1372

■ 84.5508, 94.5875,
108.4086

■ 45.1393, 40.8860,
17.8248

■ 42.2242, 36.5793,
12.1562

■ 39.7836, 32.7831,
7.9981

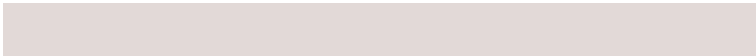
■ 37.7824, 29.4732,
5.1959

■ 36.1783, 26.6221,
3.5607

Harmonies

Analogous

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



68.4746, 70.7942, 74.3162



67.8221, 70.7942, 73.0408



67.0312, 70.7942, 72.8366

Triad

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



67.8221, 70.7942, 73.0408



65.7883, 70.7942, 77.8208



68.2703, 70.7942, 80.5117

Complementary

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



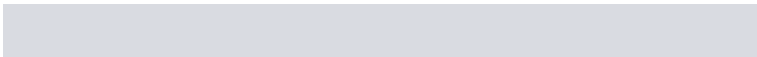
67.8221, 70.7942, 73.0408



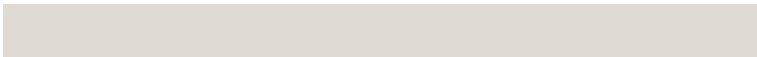
66.2265, 70.1899, 80.5793

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.



67.5450, 70.7942, 81.4910



67.8221, 70.7942, 73.0408



66.1147, 70.7942, 79.9173

Square

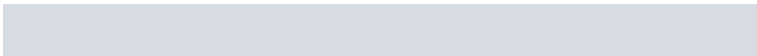
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8221, 70.7942, 73.0408



65.8612, 70.7942, 75.5666



66.7562, 70.7942, 81.2713



68.7348, 70.7942, 78.6192

Rectangle

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



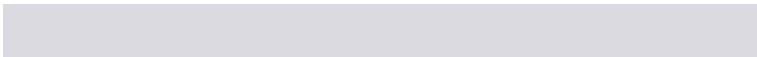
67.8221, 70.7942, 73.0408



66.5325, 70.7942, 73.3313



66.7562, 70.7942, 81.2713



68.0487, 70.7942, 80.9603

Sweetspot

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



67.8241, 70.7973, 73.0423



94.2003, 98.9532, 106.6048



67.3284, 68.5539, 76.7369



20.1717, 21.1911, 22.8420



0.0000, 0.0000, 0.0000



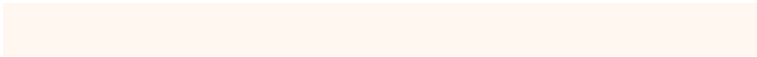
20.3446, 21.4041, 23.3091

Same Dimension

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



67.8241, 70.7973, 73.0423



90.0806, 93.8473, 95.5712



69.2597, 73.6684, 73.5209



14.5779, 15.1724, 15.3493



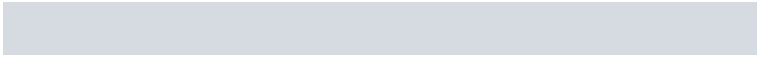
20.7649, 14.9678, 1.7946



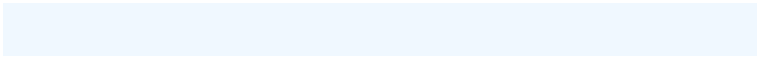
1.5279, 1.2147, 0.1539

Inverse Universe

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



66.2265, 70.1899, 80.5793



87.4631, 92.8521, 107.9202



64.8289, 67.3947, 80.1135



14.1139, 14.9960, 17.5383



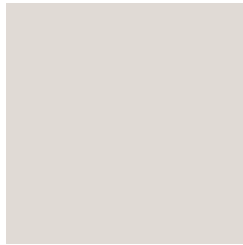
12.0060, 11.4816, 42.6317



0.9214, 0.9742, 2.9847

Previews

White Background



This preview shows how the XYZ color 67.8221, 70.7942, 73.0408 looks on a white background.

Color Contrast Check

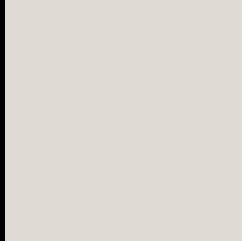
Large Text (above 18pt) WCAG AA × Fail

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 67.8221, 70.7942, 73.0408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

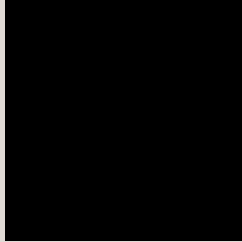
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

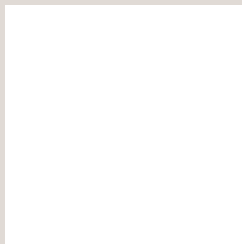
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8221, 70.7942, 73.0408

Background



This preview shows how black text looks on a background with the XYZ color 67.8221, 70.7942, 73.0408.

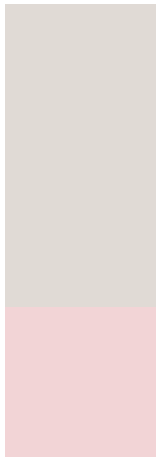


This preview shows how white text looks on a background with the XYZ color 67.8221, 70.7942,

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

67.8221, 70.7942, 73.0408

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

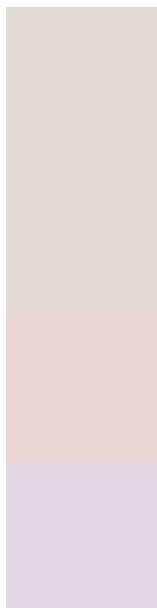
72.2990, 70.8193, 73.4772



Tritanopia

70.5445, 70.7580, 86.2835

Trichromacy



Original Color

67.8221, 70.7942, 73.0408

Protanomaly

67.8221, 70.7942, 73.0408

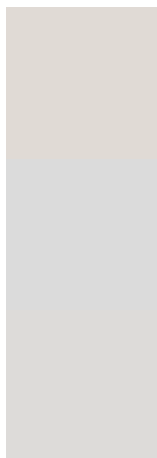
Deuteranomaly

70.4451, 70.6103, 73.5346

Tritanomaly

69.5105, 70.7167, 81.2203

Monochromacy



Original Color

67.8221, 70.7942, 73.0408

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.6747, 71.0449, 75.7918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8221, 70.7942, 73.0408 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, 218, 213) looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 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(224, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.8221, 70.7942, 73.0408 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, 218, 213) }
```


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

```
.border{ border-color:rgb(224, 218, 213) }
```

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

Here you see how a box with a 4 pixel rgb(224, 218, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8221, 70.7942, 73.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 213) }
```

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

```
.background{ background-color: rgb(224,  
218, 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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