

Converting Colors

XYZ(69.7799, 73.0048, 70.1392)

Have a look what the booklet for
XYZ(69.7799, 73.0048, 70.1392)
contains.

XYZ(69.8747, 73.0900, 70.0995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.8747, 73.0900,
70.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DDD0
RGB	230, 221, 208
RGB Percent	90%, 87%, 82%
CMY	0.0980, 0.1333, 0.1843
CMYK	0.00, 0.04, 0.10, 0.10
HSL	35°, 31%, 86%
HSV	35°, 10%, 90%
XYZ	69.8747, 73.0900, 70.0995
YIQ	222.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

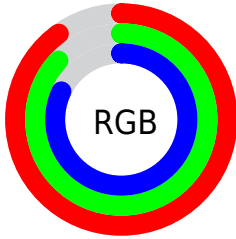
Format	Color
R_{YB}	223, 230, 208
Decimal	15130064
CIE Lab	88.49, 0.87, 7.46
CIE LCh	88, 7.511, 83.324
Yxy	73.0900, 0.3280, 0.3430
Android (android.graphics.Color)	4293320144 (0xFFE6DDD0)
YUV	222.2090, -7.0050, 6.8327
Hunter-Lab	85.4927, -3.7210, 11.2302

Details

The XYZ color **69.8747, 73.0900, 70.0995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1079, 68.7473, 84.7015**, and the grayscale version is **69.6238, 73.2496, 79.7688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9245, 38.6042, 36.0771** is the 20% darker color. If you saturate the color by 10%, you get **64.8345, 67.2139, 55.4562**, and if you desaturate by 10%, it is **75.4685, 79.4149, 86.9536**.

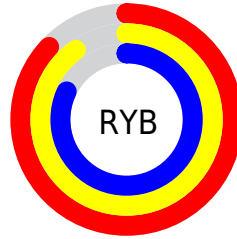
Distribution



Red (90%)

Green (87%)

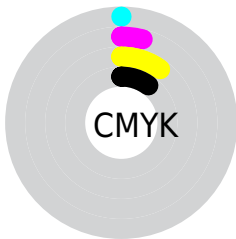
Blue (82%)



Red (87%)

Yellow (90%)

Blue (82%)

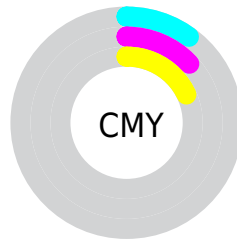


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8747, 73.0900, 70.0995 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 69.8747, 73.0900, 70.0995 by changing the saturation by 10% instead.

69.8747, 73.0900,
70.0995

69.8747, 73.0900,
70.0995

449.3832,
471.3267, 479.6979

51.7036, 54.0496,
51.1304

118.0573,
123.6050, 121.0331

36.9922, 38.6413,
35.9349

148.7995,
155.8483, 153.8346

25.3751, 26.4808,
24.0946

184.4628,
193.2613, 192.0840

16.4870, 17.1837,
15.1910

225.4126,
236.2286, 236.1998

9.9624, 10.3655,
8.8054

272.0142,
285.1343, 286.6005

5.4361, 5.6420,
4.5194

324.6329,

2.5427, 2.6286,

340.3630, 343.7048

1.9144

383.6341,
402.2990, 407.9310

■ 0.9168, 0.9411,
0.5019

■ 0.0000, 0.0000,
0.0000

■ 69.8747, 73.0900,
70.0995

■ 69.8747, 73.0900,
70.0995

■ 64.8345, 67.2139,
55.4562

■ 75.4685, 79.4149,
86.9536

■ 60.3219, 61.7655,
42.9257

■ 81.6285, 86.1899,
106.1015

■ 56.3179, 56.7356,
32.4094

■ 84.6267, 91.9297,
107.8916

■ 52.7996, 52.1116,
23.7991

■ 86.4434, 95.5631,
108.4972

■ 49.7422, 47.8795,
16.9762

■ 47.1184, 44.0243,
11.8087

■ 44.8971, 40.5296,
8.1461

■ 43.0419, 37.3764,
5.8100

■ 41.4948, 34.5372,
4.5081

Harmonies

Analogous

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



71.5666, 73.0900, 71.8629



69.8747, 73.0900, 70.0995



68.1027, 73.0900, 70.7872

Triad

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



69.8747, 73.0900, 70.0995



66.3268, 73.0900, 83.5893



72.2950, 73.0900, 85.6775

Complementary

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



69.8747, 73.0900, 70.0995



65.1079, 68.7473, 84.7015

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.



70.8551, 73.0900, 89.0779



69.8747, 73.0900, 70.0995



67.4144, 73.0900, 87.8362

Square

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



69.8747, 73.0900, 70.0995



66.0745, 73.0900, 78.4310



69.0666, 73.0900, 89.8845



72.9796, 73.0900, 80.7454

Rectangle

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



69.8747, 73.0900, 70.0995



67.1122, 73.0900, 72.5584



69.0666, 73.0900, 89.8845



71.8821, 73.0900, 87.0461

Sweetspot

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



69.8767, 73.0932, 70.1011



92.8528, 97.5375, 102.2119



67.7359, 66.9542, 75.1136



19.7510, 20.7380, 21.5044



0.0000, 0.0000, 0.0000



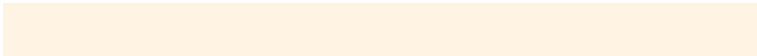
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8767, 73.0932, 70.1011



87.3079, 91.2227, 85.6430



71.7305, 77.6696, 70.8867



15.0816, 15.7771, 15.1549



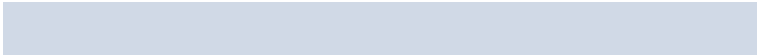
23.5792, 19.7326, 2.5660



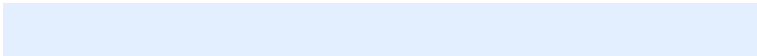
1.8332, 1.6398, 0.2199

Inverse Universe

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



65.1079, 68.7473, 84.7015



80.4095, 84.9362, 106.7640



63.3707, 64.5032, 83.9738



14.0643, 14.8501, 18.2694



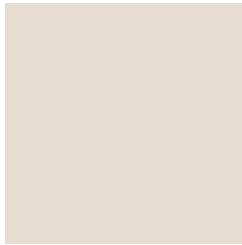
10.4678, 7.9976, 43.3752



0.8630, 0.7700, 3.2351

Previews

White Background



This preview shows how the XYZ color 69.8747, 73.0900, 70.0995 looks on a white background.

Color Contrast Check

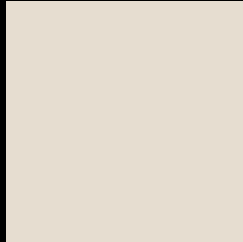
Large Text (above 18pt) WCAG AA × Fail

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 69.8747, 73.0900, 70.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

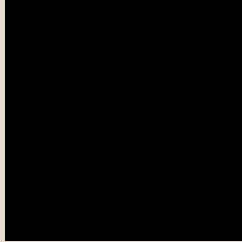
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

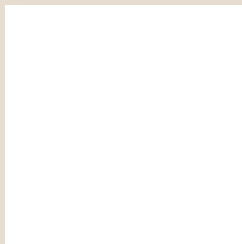
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8747, 73.0900, 70.0995

Background



This preview shows how black text looks on a background with the XYZ color 69.8747, 73.0900, 70.0995.

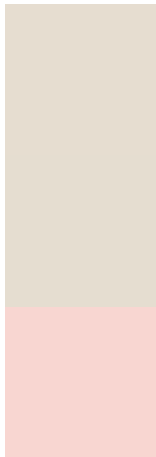


This preview shows how white text looks on a background with the XYZ color 69.8747, 73.0900,

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

69.8747, 73.0900, 70.0995

Protanopia

69.5547, 72.9250, 70.0845

Deuteranopia

74.2666, 72.6530, 70.4308



Tritanopia

73.5958, 73.0586, 88.0647

Trichromacy



Original Color

69.8747, 73.0900, 70.0995

Protanomaly

69.5547, 72.9250, 70.0845

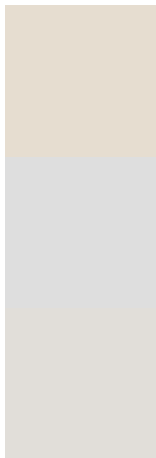
Deuteranomaly

72.5971, 72.9299, 70.5722

Tritanomaly

72.2663, 72.9027, 81.4969

Monochromacy



Original Color

69.8747, 73.0900, 70.0995

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6970, 73.2599, 76.1128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8747, 73.0900, 70.0995 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, 208) looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.8747, 73.0900, 70.0995 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, 208) }
```


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

```
.border{ border-color:rgb(230, 221, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8747, 73.0900, 70.0995 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, 208) }
```

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

```
.background{ background-color: rgb(230,  
221, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor