

Converting Colors

XYZ(69.9943, 73.1539, 64.0399)

Have a look what the booklet for
XYZ(69.9943, 73.1539, 64.0399)
contains.

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Color

**XYZ(69.9812, 73.2825,
63.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	EADDC6
RGB	234, 221, 198
RGB Percent	92%, 87%, 78%
CMY	0.0823, 0.1333, 0.2235
CMYK	0.00, 0.06, 0.15, 0.08
HSL	38°, 46%, 85%
HSV	38°, 15%, 92%
XYZ	69.9812, 73.2825, 63.8826
YIQ	222.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

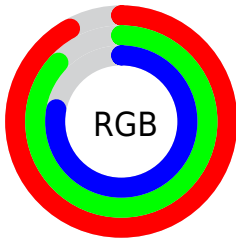
Format	Color
RYB	218, 234, 198
Decimal	15392198
CIELab	88.58, 0.71, 12.88
CIELCh	89, 12.902, 86.857
Yxy	73.2825, 0.3378, 0.3538
Android (android.graphics.Color)	4293582278 (0xFFEADDC6)
YUV	222.2650, -11.9626, 10.2916
Hunter-Lab	85.6052, -3.8875, 15.6787

Details

The XYZ color **69.9812, 73.2825, 63.8826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4341, 64.5336, 87.0610**, and the grayscale version is **69.6945, 73.3240, 79.8499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0304, 38.7510, 31.9135** is the 20% darker color. If you saturate the color by 10%, you get **65.3141, 67.9388, 50.0237**, and if you desaturate by 10%, it is **75.1815, 79.0240, 79.9783**.

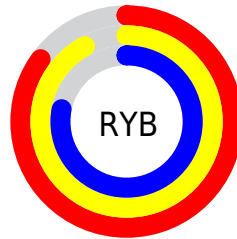
Distribution



Red (92%)

Green (87%)

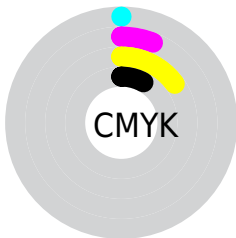
Blue (78%)



Red (85%)

Yellow (92%)

Blue (78%)

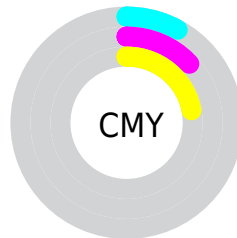


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9812, 73.2825, 63.8826 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 69.9812, 73.2825, 63.8826 by changing the saturation by 10% instead.

69.9812, 73.2825,
63.8826

69.9812, 73.2825,
63.8826

449.7514,
471.9933, 456.9614

51.7907, 54.2070,
46.1100

118.2084,
123.8782, 112.0397

37.0619, 38.7672,
31.9834

148.9758,
156.1671, 143.2613

25.4293, 26.5786,
21.0841

184.6662,
193.6293, 179.8029

16.5276, 17.2570,
12.9936

225.6451,
236.6492, 222.0832

9.9915, 10.4179,
7.2935

272.2777,
285.6112, 270.5207

5.4555, 5.6769,
3.5651

324.9293,

2.5544, 2.6496,

340.8996, 325.5338

1.3899

383.9655,
402.8988, 387.5412

■ 0.9228, 0.9517,
0.1338

■ 0.0000, 0.0000,
0.0000

■ 69.9812, 73.2825,
63.8826

■ 69.9812, 73.2825,
63.8826

■ 65.3141, 67.9388,
50.0237

■ 75.1815, 79.0240,
79.9783

■ 61.1536, 62.9721,
38.2957

■ 80.9286, 85.1639,
98.4006

■ 57.4795, 58.3743,
28.5915

■ 85.0435, 90.8355,
107.6585

■ 54.2675, 54.1330,
20.7923

■ 87.6764, 96.1015,
108.5361

■ 51.4912, 50.2346,
14.7672

■ 87.7420, 96.2326,
108.5580

■ 49.1209, 46.6645,
10.3682

■ 47.1220, 43.4060,
7.4232

■ 45.4527, 40.4392,
5.7205

■ 44.7634, 39.1553,
5.1984

Harmonies

Analogous

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



72.9740, 73.2825, 66.2927



69.9812, 73.2825, 63.8826



66.9857, 73.2825, 65.4663

Triad

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



69.9812, 73.2825, 63.8826



64.4524, 73.2825, 87.7830



74.7815, 73.2825, 89.5277

Complementary

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



69.9812, 73.2825, 63.8826



61.4341, 64.5336, 87.0610

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.



72.3898, 73.2825, 96.0690



69.9812, 73.2825, 63.8826



66.4339, 73.2825, 95.0102

Square

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



69.9812, 73.2825, 63.8826



63.8502, 73.2825, 78.8569



69.3255, 73.2825, 98.1455



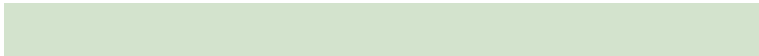
75.7968, 73.2825, 80.7349

Rectangle

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



69.9812, 73.2825, 63.8826



65.3795, 73.2825, 68.6434



69.3255, 73.2825, 98.1455



74.1084, 73.2825, 92.0871

Sweetspot

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



69.9832, 73.2858, 63.8842



91.6138, 96.3043, 97.9614



65.9096, 62.5948, 70.3687



19.5087, 20.5040, 20.6511



0.0000, 0.0000, 0.0000



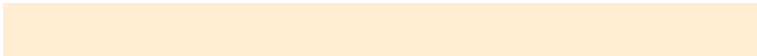
20.3446, 21.4041, 23.3091

Same Dimension

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



69.9832, 73.2858, 63.8842



83.4611, 87.2685, 72.8322



71.9936, 79.6146, 64.9998



15.8682, 16.6593, 15.8979



25.2778, 22.2499, 2.9624



2.0756, 1.9285, 0.2628

Inverse Universe

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



61.4341, 64.5336, 87.0610



71.4793, 75.0030, 105.3174



59.6205, 58.9982, 86.0881



14.6763, 15.4390, 19.1288



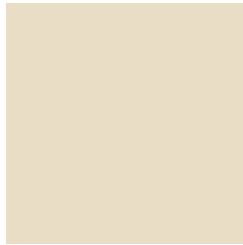
10.2565, 7.1600, 44.5844



0.8938, 0.7392, 3.5304

Previews

White Background



This preview shows how the XYZ color 69.9812, 73.2825, 63.8826 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 69.9812, 73.2825, 63.8826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

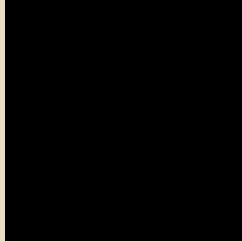
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

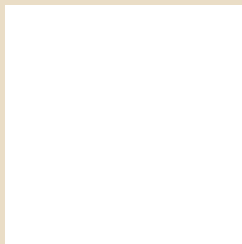
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9812, 73.2825, 63.8826

Background



This preview shows how black text looks on a background with the XYZ color 69.9812, 73.2825, 63.8826.

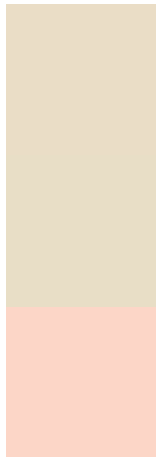


This preview shows how white text looks on a background with the XYZ color 69.9812, 73.2825,

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

69.9812, 73.2825, 63.8826

Protanopia

69.5930, 73.4756, 63.9403

Deuteranopia

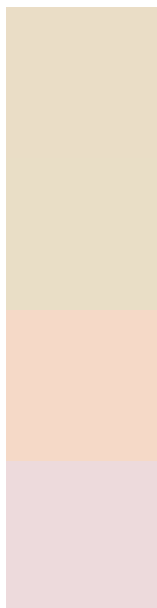
74.5003, 72.9121, 64.1797



Tritanopia

74.8605, 73.3456, 87.3023

Trichromacy



Original Color

69.9812, 73.2825, 63.8826

Protanomaly

69.9186, 73.6434, 63.9556

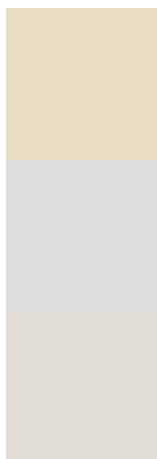
Deuteranomaly

72.7778, 73.1617, 64.3186

Tritanomaly

72.9147, 73.3146, 78.0183

Monochromacy



Original Color

69.9812, 73.2825, 63.8826

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4955, 73.2154, 73.4200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9812, 73.2825, 63.8826 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(234, 221, 198) looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 198)  
}
```

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(234, 221, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 198) }
```

Border

The CSS property to change the border of an element to XYZ 69.9812, 73.2825, 63.8826 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(234, 221, 198) }
```


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

```
.border{ border-color:rgb(234, 221, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 198);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9812, 73.2825, 63.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 198) }
```

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

```
.background{ background-color: rgb(234,  
221, 198) }
```

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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