

Converting Colors

XYZ(68.6446, 70.0631, 80.7121)

Have a look what the booklet for
XYZ(68.6446, 70.0631, 80.7121)
contains.

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Color

**XYZ(68.4955, 69.8300,
80.3894)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E0D7E0 |
| RGB | 224, 215, 224 |
| RGB Percent | 88%, 84%, 88% |
| CMY | 0.1216, 0.1568, 0.1216 |
| CMYK | 0.00, 0.04, 0.00, 0.12 |
| HSL | 300°, 13%, 86% |
| HSV | 300°, 4%, 88% |
| XYZ | 68.4955, 69.8300, 80.3894 |
| YIQ | 218.7170, 2.4750, 4.7070 |

Conversions

Conversions Part 2

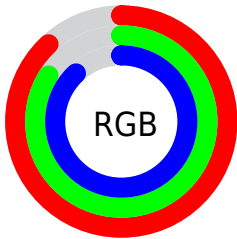
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 224, 215, 224 |
| Decimal | 14735328 |
| CIE Lab | 86.91, 4.68, -3.33 |
| CIE LCh | 87, 5.744, 324.614 |
| Yxy | 69.8300, 0.3132, 0.3193 |
| Android (android.graphics.Color) | 4292925408 (0xFFE0D7E0) |
| YUV | 218.7170, 2.6045, 4.6332 |
| Hunter-Lab | 83.5643, 0.0742, 1.4577 |

Details

The XYZ color **68.4955, 69.8300, 80.3894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9484, 72.6667, 74.7912**, and the grayscale version is **67.1189, 70.6144, 76.8990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0944, 36.4412, 42.6676** is the 20% darker color. If you saturate the color by 10%, you get **63.1784, 59.1950, 78.6174**, and if you desaturate by 10%, it is **74.5975, 82.0329, 82.4247**.

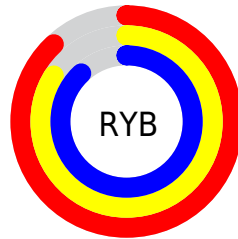
Distribution



Red (88%)

Green (84%)

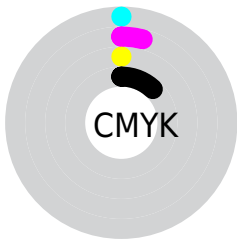
Blue (88%)



Red (88%)

Yellow (84%)

Blue (88%)

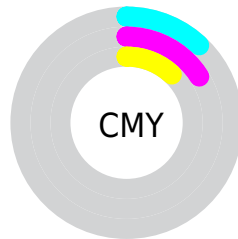


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4955, 69.8300, 80.3894 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 68.4955, 69.8300, 80.3894 by changing the saturation by 10% instead.

68.4955, 69.8300,
80.3894

68.4955, 69.8300,
80.3894

444.5989,
459.9529, 515.9855

50.5761, 51.3880,
59.5108

116.0987,
118.9663, 135.7294

36.0910, 36.5175,
42.6017

146.5133,
150.4293, 171.0279

24.6749, 24.8341,
29.2437

181.8236,
187.0015, 211.9701

15.9625, 15.9535,
19.0181

222.3950,
229.0672, 258.9745

9.5883, 9.4913,
11.5064

268.5929,
277.0107, 312.4597

5.1870, 5.0630,
6.2901

320.7826,

2.3933, 2.2843,

331.2166, 372.8443

2.9506

379.3294,
392.0692, 440.5467

■ 0.8418, 0.7654,
1.0695

■ 0.0000, 0.0000,
0.0000

■ 68.4955, 69.8300,
80.3894

■ 68.4955, 69.8300,
80.3894

■ 63.1784, 59.1950,
78.6174

■ 74.5975, 82.0329,
82.4247

■ 58.6087, 50.0557,
77.0937

■ 79.9559, 92.7495,
84.2113

■ 54.7547, 42.3479,
75.8086

■ 79.9560, 92.7496,
84.2118

■ 51.5803, 35.9992,
74.7500

■ 79.9561, 92.7496,
84.2123

49.0459, 30.9306,
73.9047

79.9562, 92.7496,
84.2128

47.1083, 27.0554,
73.2584

79.9563, 92.7497,
84.2133

45.7184, 24.2759,
72.7946

79.9564, 92.7497,
84.2138

44.8199, 22.4791,
72.4946

79.9565, 92.7498,
84.2143

44.3440, 21.5274,
72.3355

79.9566, 92.7498,
84.2148

Harmonies

Analogous

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



67.4509, 69.8300, 82.9453



68.4955, 69.8300, 80.3894



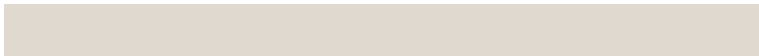
68.9713, 69.8300, 76.7282

Triad

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



68.4955, 69.8300, 80.3894



66.6136, 69.8300, 68.9163



64.0549, 69.8300, 79.1500

Complementary

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



68.4955, 69.8300, 80.3894



66.9484, 72.6667, 74.7912

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.



63.8375, 69.8300, 75.3421



68.4955, 69.8300, 80.3894



65.3033, 69.8300, 69.5158

Square

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



68.4955, 69.8300, 80.3894



67.8755, 69.8300, 70.1707



64.2915, 69.8300, 71.8369



64.8895, 69.8300, 82.2130

Rectangle

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



68.4955, 69.8300, 80.3894



68.8975, 69.8300, 74.1852



64.2915, 69.8300, 71.8369



63.9077, 69.8300, 77.9112

Sweetspot

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



68.4975, 69.8330, 80.3909



94.2419, 98.3838, 108.6306



65.7824, 68.4333, 80.2641



20.1802, 21.0752, 23.2542



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.



68.4975, 69.8330, 80.3909



91.1165, 92.1332, 107.5885



67.8954, 69.5921, 77.2200



14.7427, 14.8309, 17.4733



25.7242, 12.3567, 42.0748



1.7831, 0.8565, 2.9164

Inverse Universe

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



68.4975, 69.8330, 80.3909



91.1165, 92.1332, 107.5885



67.5346, 72.9011, 77.8777



14.7427, 14.8309, 17.4733



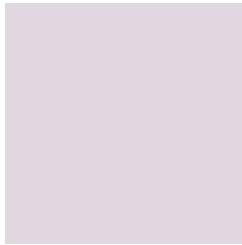
25.7242, 12.3567, 42.0748



1.7831, 0.8565, 2.9164

Previews

White Background



This preview shows how the XYZ color 68.4955, 69.8300, 80.3894 looks on a white background.

Color Contrast Check

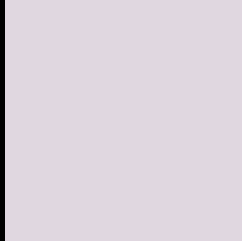
Large Text (above 18pt) WCAG AA × Fail

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 68.4955, 69.8300, 80.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

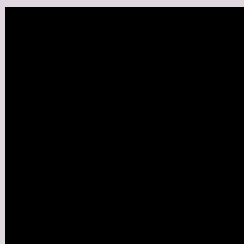
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

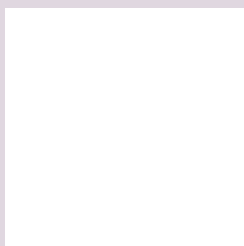
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4955, 69.8300, 80.3894

Background



This preview shows how black text looks on a background with the XYZ color 68.4955, 69.8300, 80.3894.

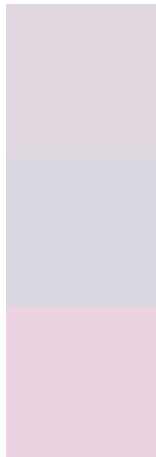


This preview shows how white text looks on a background with the XYZ color 68.4955, 69.8300,

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

68.4955, 69.8300, 80.3894

Protanopia

67.3599, 69.6080, 81.1196

Deuteranopia

71.1458, 69.6869, 80.9353



Tritanopia

69.5217, 69.8702, 85.4234

Trichromacy



Original Color

68.4955, 69.8300, 80.3894

Protanomaly

67.9653, 69.9201, 81.1479

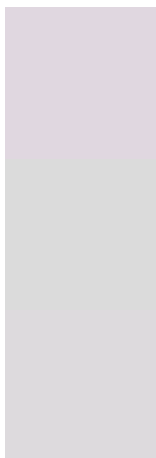
Deuteranomaly

70.0891, 69.5121, 80.9573

Tritanomaly

69.1015, 69.7021, 83.2106

Monochromacy



Original Color

68.4955, 69.8300, 80.3894

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9413, 70.7354, 78.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4955, 69.8300, 80.3894 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, 215, 224) looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 224)  
}
```

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, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.4955, 69.8300, 80.3894 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, 215, 224) }
```


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

```
.border{ border-color:rgb(224, 215, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 215, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 215,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4955, 69.8300, 80.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 224) }
```

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

```
.background{ background-color: rgb(224,  
215, 224) }
```

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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