

Converting Colors

XYZ(69.9832, 70.1100, 85.4465)

Have a look what the booklet for
XYZ(69.9832, 70.1100, 85.4465)
contains.

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Color

**XYZ(69.8344, 70.0314,
85.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D6E7
RGB	226, 214, 231
RGB Percent	89%, 84%, 91%
CMY	0.1137, 0.1608, 0.0941
CMYK	0.02, 0.07, 0.00, 0.09
HSL	282°, 26%, 87%
HSV	282°, 7%, 91%
XYZ	69.8344, 70.0314, 85.4380
YIQ	219.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

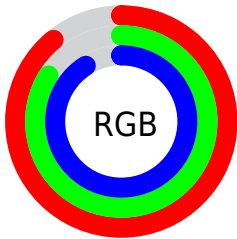
Format	Color
R _Y B	226, 214, 231
Decimal	14866151
CIE Lab	87.01, 7.16, -6.86
CIE LCh	87, 9.917, 316.207
Yxy	70.0314, 0.3100, 0.3108
Android (android.graphics.Color)	4293056231 (0xFFE2D6E7)
YUV	219.5260, 5.6567, 5.6777
Hunter-Lab	83.6848, 2.5088, -1.9528

Details

The XYZ color **69.8344, 70.0314, 85.4380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9295, 77.0687, 74.8119**, and the grayscale version is **67.6601, 71.1837, 77.5190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9306, 36.5493, 45.6657** is the 20% darker color. If you saturate the color by 10%, you get **62.3096, 58.0819, 83.5292**, and if you desaturate by 10%, it is **78.2767, 83.6885, 87.6302**.

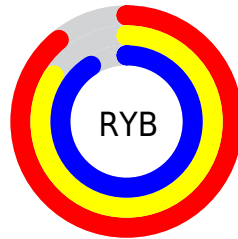
Distribution



Red (89%)

Green (84%)

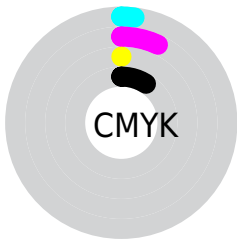
Blue (91%)



Red (89%)

Yellow (84%)

Blue (91%)

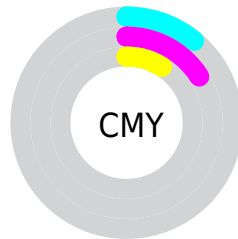


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8344, 70.0314, 85.4380 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 69.8344, 70.0314, 85.4380 by changing the saturation by 10% instead.

69.8344, 70.0314,
85.4380

69.8344, 70.0314,
85.4380

449.2438,
460.6602, 533.2586

51.6706, 51.5521,
63.6511

118.0001,
119.2535, 142.8646

36.9658, 36.6482,
45.9238

148.7328,
150.7652, 179.3413

25.3546, 24.9352,
31.8374

184.3859,
187.3898, 221.5518

16.4716, 16.0288,
20.9736

225.3246,
229.5117, 269.9145

9.9514, 9.5445,
12.9136

271.9144,
277.5153, 324.8480

5.4288, 5.0980,
7.2391

324.5207,

2.5383, 2.3049,

331.7850, 386.7708

3.5314

383.5087,
392.7052, 456.1015

■ 0.9146, 0.7763,
1.3719

■ 0.0000, 0.0000,
0.1197

■ 69.8344, 70.0314,
85.4380

■ 69.8344, 70.0314,
85.4380

■ 62.3096, 58.0819,
83.5292

■ 78.2767, 83.6885,
87.6302

■ 55.6607, 47.7611,
81.8875

■ 85.9809, 95.7436,
89.5510

■ 49.8514, 38.9972,
80.5021

■ 88.3261, 96.9526,
89.6607

■ 44.8406, 31.7093,
79.3595

■ 90.7586, 98.2066,
89.7746

■ 40.5836, 25.8094,
78.4450

■ 91.4240, 98.5496,
89.8057

■ 37.0306, 21.1997,
77.7425

■ 34.1256, 17.7693,
77.2335

■ 31.8025, 15.3882,
76.8964

■ 29.9748, 13.8847,
76.7025

Harmonies

Analogous

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



67.8154, 70.0314, 89.1873



69.8344, 70.0314, 85.4380



70.9888, 70.0314, 79.3383

Triad

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



69.8344, 70.0314, 85.4380



67.6317, 70.0314, 64.5079



62.3712, 70.0314, 79.8733

Complementary

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



69.8344, 70.0314, 85.4380



69.9295, 77.0687, 74.8119

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.



62.3246, 70.0314, 73.2474



69.8344, 70.0314, 85.4380



65.3256, 70.0314, 64.6326

Square

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



69.8344, 70.0314, 85.4380



69.6973, 70.0314, 67.3986



63.3949, 70.0314, 67.7498



63.5236, 70.0314, 85.8492

Rectangle

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



69.8344, 70.0314, 85.4380



71.0958, 70.0314, 74.8795



63.3949, 70.0314, 67.7498



62.2266, 70.0314, 77.6418

Sweetspot

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



69.8364, 70.0344, 85.4395



92.8947, 96.5056, 108.3391



67.5158, 70.7839, 85.7065



19.9059, 20.6928, 23.1949



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.



69.8364, 70.0344, 85.4395



85.7204, 84.9634, 106.4894



70.9517, 70.6643, 83.0096



14.5605, 14.3912, 18.1547



16.6891, 7.6694, 42.9839



1.3250, 0.6140, 3.1807

Inverse Universe

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



69.7902, 70.1997, 76.8928



85.6613, 85.2216, 93.4420



68.8865, 76.4803, 77.0533



14.5505, 14.4374, 15.8335



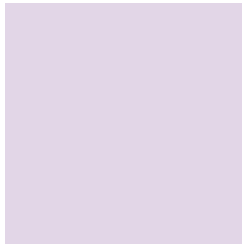
19.1064, 9.7768, 4.1893



1.4515, 0.7383, 0.5180

Previews

White Background



This preview shows how the XYZ color 69.8344, 70.0314, 85.4380 looks on a white background.

Color Contrast Check

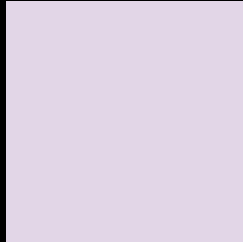
Large Text (above 18pt) WCAG AA × Fail

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 69.8344, 70.0314, 85.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

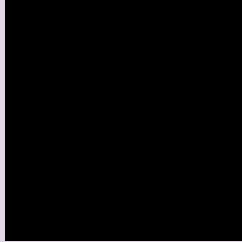
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

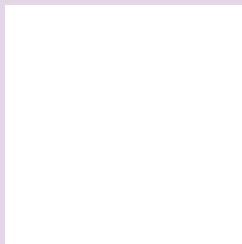
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8344, 70.0314, 85.4380

Background



This preview shows how black text looks on a background with the XYZ color 69.8344, 70.0314, 85.4380.

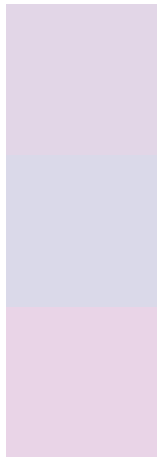


This preview shows how white text looks on a background with the XYZ color 69.8344, 70.0314,

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

69.8344, 70.0314, 85.4380

Protanopia

68.4343, 70.4143, 87.0752

Deuteranopia

71.5716, 70.1801, 85.3752



Tritanopia

69.8344, 70.0314, 85.4380

Trichromacy



Original Color

69.8344, 70.0314, 85.4380

Protanomaly

68.9401, 70.3101, 86.2816

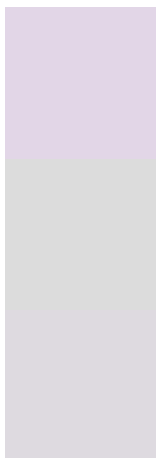
Deuteranomaly

70.8512, 70.1810, 85.4133

Tritanomaly

69.8344, 70.0314, 85.4380

Monochromacy



Original Color

69.8344, 70.0314, 85.4380

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.6502, 71.0542, 80.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8344, 70.0314, 85.4380 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(226, 214, 231) looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 231)  
}
```

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(226, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 69.8344, 70.0314, 85.4380 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(226, 214, 231) }
```


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

```
.border{ border-color:rgb(226, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8344, 70.0314, 85.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 231) }
```

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

```
.background{ background-color: rgb(226,  
214, 231) }
```

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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