

Converting Colors

XYZ(67.1717, 66.8763, 77.4008)

Have a look what the booklet for
XYZ(67.1717, 66.8763, 77.4008)
contains.

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Color

**XYZ(67.0828, 66.9370,
77.0946)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D1DC
RGB	226, 209, 220
RGB Percent	89%, 82%, 86%
CMY	0.1137, 0.1804, 0.1372
CMYK	0.00, 0.08, 0.03, 0.11
HSL	321°, 23%, 85%
HSV	321°, 8%, 89%
XYZ	67.0828, 66.9370, 77.0946
YIQ	215.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

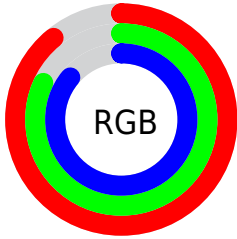
Format	Color
R _Y B	226, 209, 220
Decimal	14864860
CIE Lab	85.47, 7.79, -3.31
CIE LCh	85, 8.465, 337.003
Yxy	66.9370, 0.3178, 0.3171
Android (android.graphics.Color)	4293054940 (0xFFE2D1DC)
YUV	215.3370, 2.2989, 9.3515
Hunter-Lab	81.8150, 3.1816, 1.4013

Details

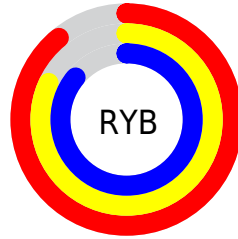
The XYZ color **67.0828, 66.9370, 77.0946** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7592, 72.8562, 74.8904**, and the grayscale version is **64.8031, 68.1779, 74.2457**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3075, 34.8172, 40.4568** is the 20% darker color. If you saturate the color by 10%, you get **60.8954, 56.2124, 69.9430**, and if you desaturate by 10%, it is **74.1110, 79.2607, 84.7769**.

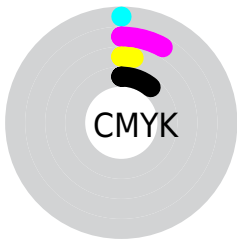
Distribution



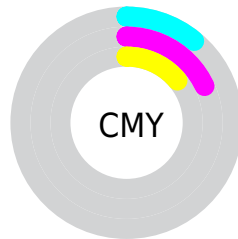
- Red (89%)
- Green (82%)
- Blue (86%)



- Red (89%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0828, 66.9370, 77.0946 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 67.0828, 66.9370, 77.0946 by changing the saturation by 10% instead.

67.0828, 66.9370,
77.0946

67.0828, 66.9370,
77.0946

439.6673,
449.7205, 504.5327

49.4229, 49.0334,
56.8185

114.0882,
114.8301, 131.0472

35.1710, 34.6460,
40.4511

144.1644,
145.5885, 165.5609

23.9617, 23.3903,
27.5740

179.1100,
181.4006, 205.6574

15.4298, 14.8820,
17.7686

219.2904,
222.6507, 251.7554

9.2099, 8.7366,
10.6162

265.0710,
269.7234, 304.2734

4.9365, 4.5698,
5.6985

316.8171,

2.2444, 1.9971,

323.0030, 363.6299

2.5968

374.8941,
382.8739, 430.2435

■ 0.7660, 0.6058,
0.8908

■ 0.0000, 0.0000,
0.0000

■ 67.0828, 66.9370,
77.0946

■ 67.0828, 66.9370,
77.0946

■ 60.8954, 56.2124,
69.9430

■ 74.1110, 79.2607,
84.7769

■ 55.5095, 47.0119,
63.3032

■ 82.0059, 93.2369,
92.9995

■ 50.8909, 39.2677,
57.1611

■ 83.4440, 94.2168,
99.3254

■ 47.0009, 32.9034,
51.5001

■ 84.6818, 94.7119,
105.8431

■ 43.7971, 27.8353,
46.3026

■ 85.1745, 94.9090,
108.4378

■ 41.2326, 23.9710,
41.5491

■ 39.2544, 21.2054,
37.2181

■ 37.8001, 19.4154,
33.2848

■ 36.7861, 18.4349,
29.7174

Harmonies

Analogous

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



65.8708, 66.9370, 81.6619



67.0828, 66.9370, 77.0946



67.3587, 66.9370, 71.6008

Triad

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



67.0828, 66.9370, 77.0946



63.1723, 66.9370, 62.8793



60.7171, 66.9370, 79.4371

Complementary

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



67.0828, 66.9370, 77.0946



65.7592, 72.8562, 74.8904

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.



60.0253, 66.9370, 74.1804



67.0828, 66.9370, 77.0946



61.4243, 66.9370, 64.7569

Square

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



67.0828, 66.9370, 77.0946



65.0757, 66.9370, 63.5722



60.2816, 66.9370, 68.8277



62.1894, 66.9370, 83.0612

Rectangle

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



67.0828, 66.9370, 77.0946



66.9698, 66.9370, 68.1846



60.2816, 66.9370, 68.8277



60.3869, 66.9370, 77.7925

Sweetspot

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



67.0847, 66.9399, 77.0960



93.1560, 96.6737, 106.8453



64.5403, 65.5347, 81.2004



19.9591, 20.7270, 22.8909



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.



67.0847, 66.9399, 77.0960



86.8835, 85.7105, 99.8777



65.9938, 66.5035, 71.3515



14.0788, 13.8492, 16.1853



20.9211, 10.4354, 16.7819



1.4922, 0.7401, 1.3846

Inverse Universe

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



67.0847, 66.9399, 77.0960



86.8835, 85.7105, 99.8777



66.8731, 73.3017, 80.7561



14.0788, 13.8492, 16.1853



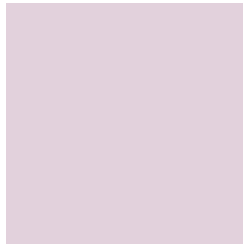
20.9211, 10.4354, 16.7819



1.4922, 0.7401, 1.3846

Previews

White Background



This preview shows how the XYZ color 67.0828, 66.9370, 77.0946 looks on a white background.

Color Contrast Check

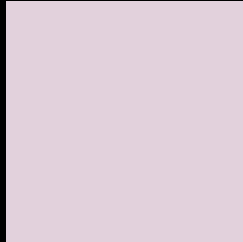
Large Text (above 18pt) WCAG AA × Fail

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 67.0828, 66.9370, 77.0946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

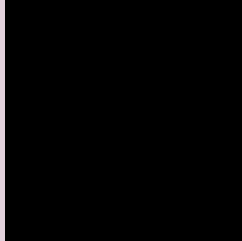
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0828, 66.9370, 77.0946

Background



This preview shows how black text looks on a background with the XYZ color 67.0828, 66.9370, 77.0946.



This preview shows how white text looks on a background with the XYZ color 67.0828, 66.9370,

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

67.0828, 66.9370, 77.0946

Protanopia

64.7526, 66.8080, 78.5896

Deuteranopia

68.1861, 66.7819, 77.0065



Tritanopia

67.8250, 66.8789, 80.5683

Trichromacy



Original Color

67.0828, 66.9370, 77.0946

Protanomaly

65.5588, 66.8691, 77.8583

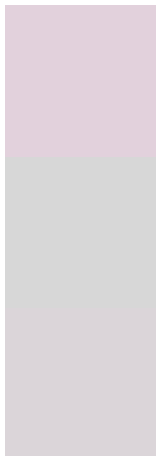
Deuteranomaly

67.7872, 66.9371, 77.0575

Tritanomaly

67.5537, 66.7704, 79.1395

Monochromacy



Original Color

67.0828, 66.9370, 77.0946

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.5321, 67.6583, 75.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0828, 66.9370, 77.0946 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, 209, 220) looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 220)  
}
```

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, 209, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.0828, 66.9370, 77.0946 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, 209, 220) }
```


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

```
.border{ border-color:rgb(226, 209, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0828, 66.9370, 77.0946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 220) }
```

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

```
.background{ background-color: rgb(226,  
209, 220) }
```

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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