

Converting Colors

XYZ(71.7476, 70.9083, 81.7225)

Have a look what the booklet for
XYZ(71.7476, 70.9083, 81.7225)
contains.

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Color

**XYZ(71.7827, 70.7417,
81.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD5E2
RGB	235, 213, 226
RGB Percent	92%, 84%, 89%
CMY	0.0784, 0.1647, 0.1137
CMYK	0.00, 0.09, 0.04, 0.08
HSL	325°, 35%, 88%
HSV	325°, 9%, 92%
XYZ	71.7827, 70.7417, 81.8227
YIQ	221.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

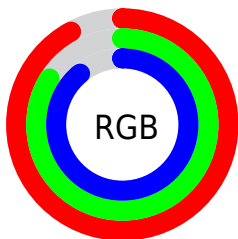
Format	Color
R _Y B	235, 213, 226
Decimal	15455714
CIE Lab	87.36, 9.82, -3.63
CIE LCh	87, 10.468, 339.737
Yxy	70.7417, 0.3200, 0.3153
Android (android.graphics.Color)	4293645794 (0xFFEBD5E2)
YUV	221.0600, 2.4354, 12.2254
Hunter-Lab	84.1081, 5.1531, 1.1967

Details

The XYZ color **71.7827, 70.7417, 81.8227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3365, 78.8386, 80.6213**, and the grayscale version is **68.7502, 72.3305, 78.7679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1680, 36.9777, 43.6538** is the 20% darker color. If you saturate the color by 10%, you get **65.0126, 59.2533, 73.2383**, and if you desaturate by 10%, it is **79.4874, 83.9788, 91.0855**.

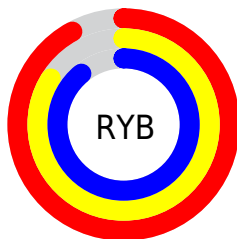
Distribution



Red (92%)

Green (84%)

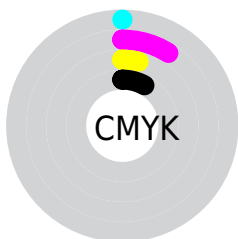
Blue (89%)



Red (92%)

Yellow (84%)

Blue (89%)

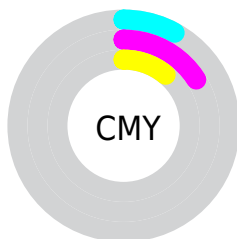


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7827, 70.7417, 81.8227 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 71.7827, 70.7417, 81.8227 by changing the saturation by 10% instead.

71.7827, 70.7417,
81.8227

71.7827, 70.7417,
81.8227

455.9543,
463.1500, 520.9223

53.2660, 52.1314,
60.6844

120.7600,
120.2659, 137.7598

38.2435, 37.1098,
43.5416

151.9513,
151.9485, 173.3957

26.3498, 25.2926,
29.9758

188.0983,
188.7575, 214.7012

17.2196, 16.2952,
19.5683

229.5662,
231.0771, 262.0949

10.4874, 9.7333,
11.9007

276.7203,
279.2918, 315.9954

5.7881, 5.2225,
6.5544

329.9262,

2.7561, 2.3784,

333.7859, 376.8210

3.1108

389.5490,
394.9438, 444.9905

■ 1.0261, 0.8147,
1.1515

■ 0.0000, 0.0000,
0.0000

■ 71.7827, 70.7417,
81.8227

■ 71.7827, 70.7417,
81.8227

■ 65.0126, 59.2533,
73.2383

■ 79.4874, 83.9788,
91.0855

■ 59.1330, 49.4306,
65.3090

■ 86.5383, 95.7892,
100.5004

■ 54.1056, 41.1974,
58.0169

■ 88.0469, 96.3926,
108.4443

■ 49.8864, 34.4683,
51.3410

■ 88.0714, 96.4024,
108.5734

■ 46.4275, 29.1494,
45.2591

■ 43.6758, 25.1364,
39.7468

■ 41.5706, 22.3104,
34.7770

■ 40.0402, 20.5303,
30.3189

■ 38.9718, 19.5727,
26.3276

Harmonies

Analogous

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



70.3134, 70.7417, 87.9419



71.7827, 70.7417, 81.8227



72.0180, 70.7417, 74.7527

Triad

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



71.7827, 70.7417, 81.8227



66.4394, 70.7417, 64.4075



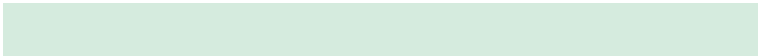
63.6588, 70.7417, 86.0326

Complementary

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



71.7827, 70.7417, 81.8227



70.3365, 78.8386, 80.6213

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.



62.6741, 70.7417, 79.3443



71.7827, 70.7417, 81.8227



64.2534, 70.7417, 67.0524

Square

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



71.7827, 70.7417, 81.8227



68.8926, 70.7417, 64.9811



62.8890, 70.7417, 72.4199



65.6098, 70.7417, 90.4736

Rectangle

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



71.7827, 70.7417, 81.8227



71.4377, 70.7417, 70.4872



62.8890, 70.7417, 72.4199



63.2060, 70.7417, 83.9565

Sweetspot

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



71.7847, 70.7448, 81.8242



92.1580, 95.0158, 105.4700



68.8554, 69.0882, 88.3046



19.5639, 20.0593, 22.3814



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.



71.7847, 70.7448, 81.8242



84.9522, 82.6735, 96.6888



70.3492, 70.1706, 74.2648



15.4389, 15.2034, 17.5966



21.7201, 10.8907, 14.8592



1.7531, 0.8742, 1.4173

Inverse Universe

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



71.7847, 70.7448, 81.8242



84.9522, 82.6735, 96.6888



71.8306, 79.4363, 88.4893



15.4389, 15.2034, 17.5966



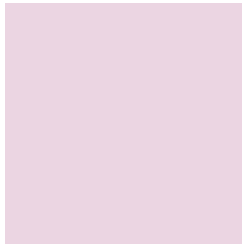
21.7201, 10.8907, 14.8592



1.7531, 0.8742, 1.4173

Previews

White Background



This preview shows how the XYZ color 71.7827, 70.7417, 81.8227 looks on a white background.

Color Contrast Check

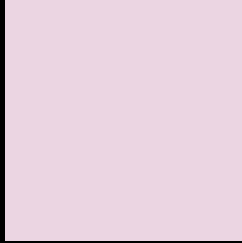
Large Text (above 18pt) WCAG AA × Fail

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 71.7827, 70.7417, 81.8227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

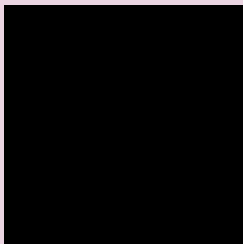
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7827, 70.7417, 81.8227

Background



This preview shows how black text looks on a background with the XYZ color 71.7827, 70.7417, 81.8227.



This preview shows how white text looks on a background with the XYZ color 71.7827, 70.7417,

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

71.7827, 70.7417, 81.8227

Protanopia

68.7295, 71.0156, 84.2137

Deuteranopia

72.1960, 70.5825, 81.7701



Tritanopia

71.9473, 70.4063, 83.9265

Trichromacy



Original Color

71.7827, 70.7417, 81.8227

Protanomaly

69.6108, 70.7207, 83.3804

Deuteranomaly

71.8630, 70.4108, 81.7546

Tritanomaly

71.8080, 70.3506, 83.1931

Monochromacy



Original Color

71.7827, 70.7417, 81.8227

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7547, 71.6393, 79.9633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7827, 70.7417, 81.8227 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(235, 213, 226) looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 226)  
}
```

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(235, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.7827, 70.7417, 81.8227 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(235, 213, 226) }
```


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

```
.border{ border-color:rgb(235, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7827, 70.7417, 81.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 226) }
```

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

```
.background{ background-color: rgb(235,  
213, 226) }
```

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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