

Converting Colors

XYZ(72.8743, 72.4434, 81.6861)

Have a look what the booklet for
XYZ(72.8743, 72.4434, 81.6861)
contains.

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Color

**XYZ(72.7385, 72.3808,
81.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD8E1
RGB	236, 216, 225
RGB Percent	93%, 85%, 88%
CMY	0.0745, 0.1529, 0.1176
CMYK	0.00, 0.08, 0.05, 0.07
HSL	333°, 34%, 89%
HSV	333°, 8%, 93%
XYZ	72.7385, 72.3808, 81.3713
YIQ	223.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

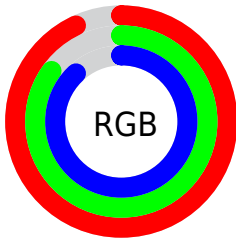
Format	Color
R _Y B	236, 216, 225
Decimal	15522017
CIE Lab	88.15, 8.42, -1.92
CIE LCh	88, 8.634, 347.123
Yxy	72.3808, 0.3212, 0.3196
Android (android.graphics.Color)	4293712097 (0xFFECD8E1)
YUV	223.0060, 0.9830, 11.3957
Hunter-Lab	85.0769, 3.7282, 2.8463

Details

The XYZ color **72.7385, 72.3808, 81.3713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1822, 80.1377, 84.3406**, and the grayscale version is **70.1340, 73.7864, 80.3534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8230, 38.0953, 43.3372** is the 20% darker color. If you saturate the color by 10%, you get **65.4173, 60.4650, 70.5229**, and if you desaturate by 10%, it is **81.0669, 86.0934, 93.2216**.

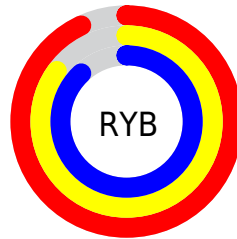
Distribution



Red (93%)

Green (85%)

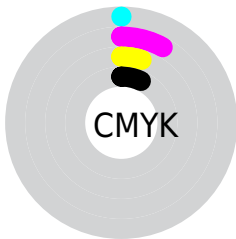
Blue (88%)



Red (93%)

Yellow (85%)

Blue (88%)

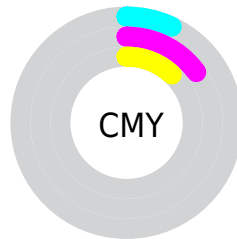


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7385, 72.3808, 81.3713 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 72.7385, 72.3808, 81.3713 by changing the saturation by 10% instead.

72.7385, 72.3808,
81.3713

72.7385, 72.3808,
81.3713

459.2258,
468.8659, 519.3704

54.0498, 53.4698,
60.3147

122.1110,
122.5978, 137.1208

38.8723, 38.1779,
43.2454

153.5256,
154.6725, 172.6507

26.8407, 26.1208,
29.7448

189.9128,
191.9040, 213.8420

17.5896, 16.9141,
19.3946

231.6379,
234.6766, 261.1135

10.7536, 10.1732,
11.7761

279.0665,
283.3747, 314.8835

5.9675, 5.5140,
6.4707

332.5637,

2.8658, 2.5519,

338.3827, 375.5706

3.0600

392.4951,
400.0850, 443.5934

■ 1.0832, 0.9025,
1.1253

■ 0.0110, 0.0000,
0.0000

■ 72.7385, 72.3808,
81.3713

■ 72.7385, 72.3808,
81.3713

■ 65.4173, 60.4650,
70.5229

■ 81.0669, 86.0934,
93.2216

■ 59.0573, 50.2618,
60.6438

■ 87.7598, 96.3160,
105.2046

■ 53.6179, 41.6941,
51.7061

■ 88.4025, 96.5731,
108.5889

■ 49.0533, 34.6752,
43.6788

■ 45.3135, 29.1105,
36.5289

■ 42.3431, 24.8948,
30.2208

■ 40.0795, 21.9084,
24.7157

■ 38.4489, 20.0103,
19.9703

■ 37.3468, 18.9974,
15.9300

Harmonies

Analogous

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



71.7459, 72.3808, 86.8017



72.7385, 72.3808, 81.3713



72.6595, 72.3808, 75.5105

Triad

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



72.7385, 72.3808, 81.3713



67.6337, 72.3808, 68.4374



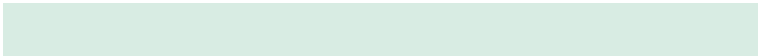
66.1300, 72.3808, 87.4383

Complementary

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



72.7385, 72.3808, 81.3713



72.1822, 80.1377, 84.3406

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.



65.0715, 72.3808, 82.2051



72.7385, 72.3808, 81.3713



65.9277, 72.3808, 71.3252

Square

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



72.7385, 72.3808, 81.3713



69.6843, 72.3808, 68.2392



64.9982, 72.3808, 76.3038



67.9149, 72.3808, 90.4206

Rectangle

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



72.7385, 72.3808, 81.3713



72.0097, 72.3808, 72.1464



64.9982, 72.3808, 76.3038



65.6790, 72.3808, 85.8725

Sweetspot

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



72.7406, 72.3840, 81.3729



91.9877, 94.9477, 104.5732



71.3773, 71.5022, 89.3971



19.5180, 20.0409, 22.1394



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.



72.7406, 72.3840, 81.3729



85.2709, 83.9249, 94.9023



71.8021, 72.4197, 75.1635



15.3472, 15.1667, 17.1135



20.5700, 10.4307, 8.8031



1.6631, 0.8382, 0.9433

Inverse Universe

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



72.7406, 72.3840, 81.3729



85.2709, 83.9249, 94.9023



73.1698, 80.0735, 90.9571



15.3472, 15.1667, 17.1135



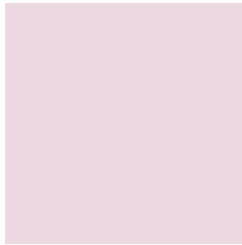
20.5700, 10.4307, 8.8031



1.6631, 0.8382, 0.9433

Previews

White Background



This preview shows how the XYZ color 72.7385, 72.3808, 81.3713 looks on a white background.

Color Contrast Check

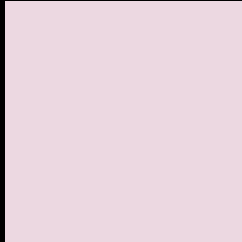
Large Text (above 18pt) WCAG AA × Fail

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 72.7385, 72.3808, 81.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

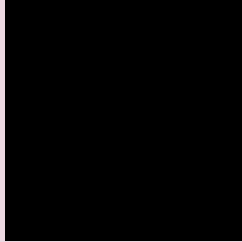
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7385, 72.3808, 81.3713

Background



This preview shows how black text looks on a background with the XYZ color 72.7385, 72.3808, 81.3713.

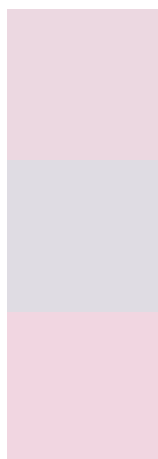


This preview shows how white text looks on a background with the XYZ color 72.7385, 72.3808,

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

72.7385, 72.3808, 81.3713

Protanopia

69.8898, 72.4204, 82.9680

Deuteranopia

73.9128, 72.2301, 81.2804



Tritanopia

73.7910, 72.4316, 86.4354

Trichromacy



Original Color

72.7385, 72.3808, 81.3713

Protanomaly

71.0539, 72.6480, 82.2290

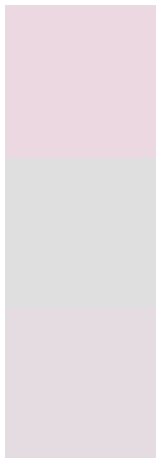
Deuteranomaly

73.4876, 72.3878, 81.3332

Tritanomaly

73.3683, 72.2625, 84.2099

Monochromacy



Original Color

72.7385, 72.3808, 81.3713

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0427, 73.0622, 80.8791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7385, 72.3808, 81.3713 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(236, 216, 225) looks like.

```
.text, #text, p{  
    color:rgb(236, 216, 225)  
}
```

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(236, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 216, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.7385, 72.3808, 81.3713 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(236, 216, 225) }
```


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

```
.border{ border-color:rgb(236, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 216,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7385, 72.3808, 81.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 216, 225) }
```

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

```
.background{ background-color: rgb(236,  
216, 225) }
```

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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