

Converting Colors

XYZ(72.7869, 73.1868, 80.8112)

Have a look what the booklet for
XYZ(72.7869, 73.1868, 80.8112)
contains.

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Color

**XYZ(72.7869, 73.1868,
80.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDAE0
RGB	235, 218, 224
RGB Percent	92%, 85%, 88%
CMY	0.0784, 0.1451, 0.1216
CMYK	0.00, 0.07, 0.05, 0.08
HSL	339°, 30%, 89%
HSV	339°, 7%, 92%
XYZ	72.7869, 73.1868, 80.8112
YIQ	223.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

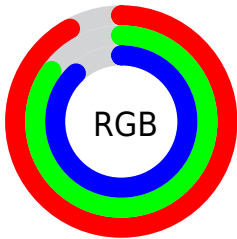
Format	Color
R _Y B	235, 218, 224
Decimal	15456992
CIE Lab	88.54, 6.86, -0.84
CIE LCh	89, 6.910, 352.994
Yxy	73.1868, 0.3210, 0.3227
Android (android.graphics.Color)	4293647072 (0xFFEBDAE0)
YUV	223.7670, 0.1149, 9.8513
Hunter-Lab	85.5493, 2.1598, 3.8782

Details

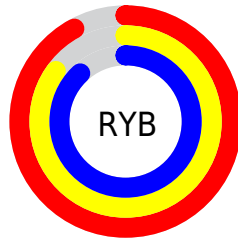
The XYZ color **72.7869, 73.1868, 80.8112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7674, 79.9811, 85.7353**, and the grayscale version is **70.6821, 74.3631, 80.9814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8490, 38.6427, 42.9473** is the 20% darker color. If you saturate the color by 10%, you get **65.1487, 61.0645, 68.5396**, and if you desaturate by 10%, it is **81.4778, 87.1173, 94.3459**.

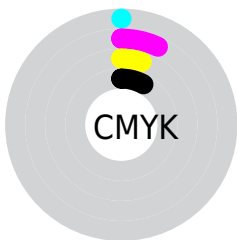
Distribution



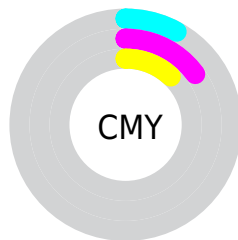
- Red (92%)
- Green (85%)
- Blue (88%)



- Red (92%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7869, 73.1868, 80.8112 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 72.7869, 73.1868, 80.8112 by changing the saturation by 10% instead.

72.7869, 73.1868,
80.8112

72.7869, 73.1868,
80.8112

459.3911,
471.6620, 517.4411

54.0895, 54.1287,
59.8560

122.1794,
123.7424, 136.3273

38.9042, 38.7046,
42.8781

153.6052,
156.0086, 171.7253

26.8656, 26.5300,
29.4588

190.0045,
193.4464, 212.7747

17.6084, 17.2205,
19.1796

231.7427,
236.4401, 259.8940

10.7672, 10.3919,
11.6220

279.1851,
285.3741, 313.5018

5.9766, 5.6595,
6.3674

332.6971,

2.8714, 2.6392,

340.6329, 374.0165

2.9974

392.6440,
402.6007, 441.8568

■ 1.0861, 0.9464,
1.0933

■ 0.0135, 0.0000,
0.0000

■ 72.7869, 73.1868,
80.8112

■ 72.7869, 73.1868,
80.8112

■ 65.1487, 61.0645,
68.5396

■ 81.4778, 87.1173,
94.3459

■ 58.5161, 50.6665,
57.4890

■ 87.9782, 96.3651,
108.0828

■ 52.8472, 41.9167,
47.6215

■ 88.0714, 96.4024,
108.5734

■ 48.0952, 34.7292,
38.8957

■ 44.2088, 29.0106,
31.2675

■ 41.1316, 24.6572,
24.6893

■ 38.8001, 21.5518,
19.1100

■ 37.1402, 19.5569,
14.4726

■ 36.0570, 18.4936,
10.7109

Harmonies

Analogous

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



72.1490, 73.1868, 85.3330



72.7869, 73.1868, 80.8112



72.5497, 73.1868, 76.1610

Triad

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



72.7869, 73.1868, 80.8112



68.3192, 73.1868, 71.5449



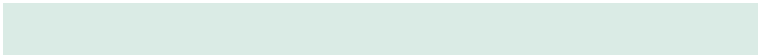
67.6533, 73.1868, 87.2337

Complementary

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



72.7869, 73.1868, 80.8112



72.7674, 79.9811, 85.7353

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.



66.6572, 73.1868, 83.3222



72.7869, 73.1868, 80.8112



67.0373, 73.1868, 74.2976

Square

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



72.7869, 73.1868, 80.8112



69.9530, 73.1868, 70.9327



66.4335, 73.1868, 78.5752



69.1722, 73.1868, 89.1357

Rectangle

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



72.7869, 73.1868, 80.8112



71.9290, 73.1868, 73.5998



66.4335, 73.1868, 78.5752



67.2472, 73.1868, 86.1030

Sweetspot

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



72.7890, 73.1900, 80.8128



92.9176, 96.5783, 105.5900



72.3080, 72.7641, 88.8321



19.9105, 20.7076, 22.6354



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.



72.7890, 73.1900, 80.8128



85.8607, 85.3014, 94.4917



72.5816, 74.0538, 76.8018



15.2849, 15.1418, 16.7858



19.9896, 10.1985, 5.7465



1.6139, 0.8185, 0.6842

Inverse Universe

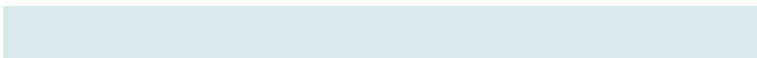
The Inverse Universe completely reimagines the original color for something new.



72.7890, 73.1900, 80.8128



85.8607, 85.3014, 94.4917



72.9747, 79.0325, 90.0069



15.2849, 15.1418, 16.7858



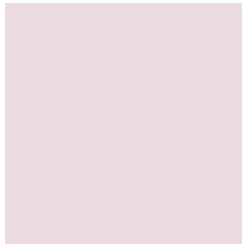
19.9896, 10.1985, 5.7465



1.6139, 0.8185, 0.6842

Previews

White Background



This preview shows how the XYZ color 72.7869, 73.1868, 80.8112 looks on a white background.

Color Contrast Check

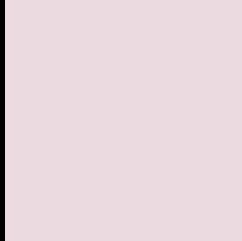
Large Text (above 18pt) WCAG AA × Fail

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 72.7869, 73.1868, 80.8112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

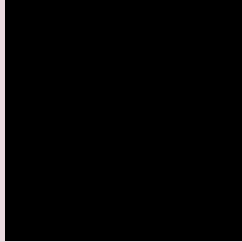
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7869, 73.1868, 80.8112

Background



This preview shows how black text looks on a background with the XYZ color 72.7869, 73.1868, 80.8112.



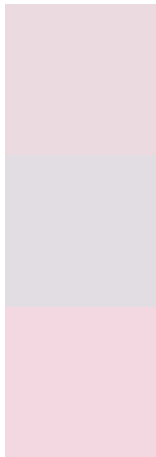
This preview shows how white text looks on a background with the XYZ color 72.7869, 73.1868,

80.8112.

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

72.7869, 73.1868, 80.8112

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

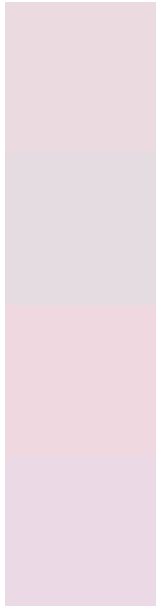
74.8532, 73.0918, 81.3971



Tritanopia

74.2562, 73.3991, 88.0956

Trichromacy



Original Color

72.7869, 73.1868, 80.8112

Protanomaly

71.4969, 73.2807, 81.6105

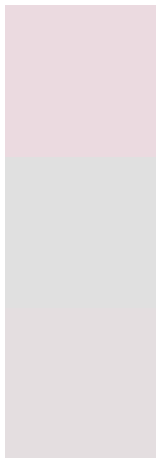
Deuteranomaly

74.0817, 73.0732, 81.4342

Tritanomaly

73.6879, 73.1717, 85.1027

Monochromacy



Original Color

72.7869, 73.1868, 80.8112

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5707, 74.1184, 81.0551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7869, 73.1868, 80.8112 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, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 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(235, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.7869, 73.1868, 80.8112 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, 218, 224) }
```


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

```
.border{ border-color:rgb(235, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7869, 73.1868, 80.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 224) }
```

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

```
.background{ background-color: rgb(235,  
218, 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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