

Converting Colors

XYZ(71.8127, 71.8572, 83.6688)

Have a look what the booklet for
XYZ(71.8127, 71.8572, 83.6688)
contains.

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Color

**XYZ(71.8382, 71.8690,
83.4846)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D8E4
RGB	232, 216, 228
RGB Percent	91%, 85%, 89%
CMY	0.0902, 0.1529, 0.1059
CMYK	0.00, 0.07, 0.02, 0.09
HSL	315°, 26%, 88%
HSV	315°, 7%, 91%
XYZ	71.8382, 71.8690, 83.4846
YIQ	222.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

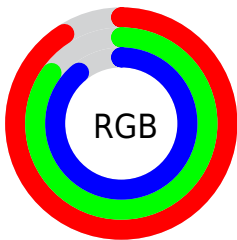
Format	Color
R_{YB}	232, 216, 228
Decimal	15259876
CIE Lab	87.91, 7.58, -3.91
CIE LCh	88, 8.530, 332.745
Yxy	71.8690, 0.3162, 0.3163
Android (android.graphics.Color)	4293449956 (0xFFE8D8E4)
YUV	222.1520, 2.8831, 8.6367
Hunter-Lab	84.7756, 2.9023, 0.9558

Details

The XYZ color **71.8382, 71.8690, 83.4846** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0966, 77.4814, 78.9749**, and the grayscale version is **69.5178, 73.1381, 79.6474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1922, 37.7370, 44.8062** is the 20% darker color. If you saturate the color by 10%, you get **65.5178, 60.4946, 77.4712**, and if you desaturate by 10%, it is **79.0289, 84.9387, 89.9232**.

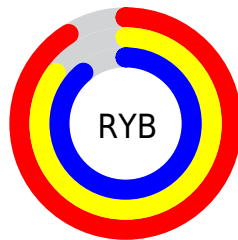
Distribution



Red (91%)

Green (85%)

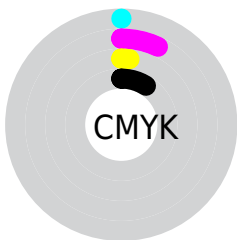
Blue (89%)



Red (91%)

Yellow (85%)

Blue (89%)

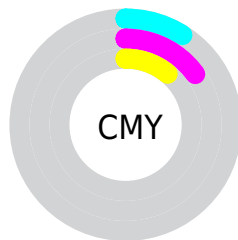


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8382, 71.8690, 83.4846 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 71.8382, 71.8690, 83.4846 by changing the saturation by 10% instead.

71.8382, 71.8690,
83.4846

71.8382, 71.8690,
83.4846

456.1446,
467.0855, 526.6134

53.3115, 53.0517,
62.0471

120.8385,
121.8703, 140.1093

38.2800, 37.8440,
44.6347

152.0428,
153.8230, 176.1335

26.3783, 25.8617,
30.8289

188.2038,
190.9230, 217.8570

17.2410, 16.7202,
20.2113

229.6866,
233.5546, 265.6984

10.5028, 10.0352,
12.3631

276.8568,
282.1023, 320.0762

5.7984, 5.4223,
6.8659

330.0796,

2.7624, 2.4971,

336.9504, 381.4090

3.3012

389.7204,
398.4833, 450.1152

■ 1.0294, 0.8752,
1.2504

■ 0.0000, 0.0000,
0.0206

■ 71.8382, 71.8690,
83.4846

■ 71.8382, 71.8690,
83.4846

■ 65.5178, 60.4946,
77.4712

■ 79.0289, 84.9387,
89.9232

■ 60.0263, 50.7362,
71.8654

■ 84.7087, 94.9439,
95.9918

■ 55.3280, 42.5219,
66.6547

■ 85.5827, 95.2935,
100.5945

■ 51.3823, 35.7707,
61.8243

■ 86.4846, 95.6542,
105.3435

■ 48.1449, 30.3945,
57.3581

■ 87.0892, 95.8961,
108.5274

■ 45.5665, 26.2953,
53.2383

■ 43.5915, 23.3623,
49.4450

■ 42.1548, 21.4656,
45.9550

■ 41.1728, 20.4386,
42.7390

Harmonies

Analogous

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



70.4424, 71.8690, 88.0365



71.8382, 71.8690, 83.4846



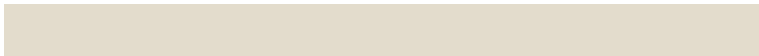
72.2826, 71.8690, 77.7190

Triad

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



71.8382, 71.8690, 83.4846



68.1226, 71.8690, 67.6103



65.0788, 71.8690, 84.4566

Complementary

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



71.8382, 71.8690, 83.4846



70.0966, 77.4814, 78.9749

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.



64.4844, 71.8690, 78.7897



71.8382, 71.8690, 83.4846



66.2198, 71.8690, 69.2228

Square

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



71.8382, 71.8690, 83.4846



70.1124, 71.8690, 68.7306



64.8980, 71.8690, 73.2449



66.5375, 71.8690, 88.6169

Rectangle

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



71.8382, 71.8690, 83.4846



71.9725, 71.8690, 74.0103



64.8980, 71.8690, 73.2449



64.7726, 71.8690, 82.6551

Sweetspot

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



71.8403, 71.8721, 83.4862



93.2399, 96.7072, 107.2870



68.6395, 70.1572, 86.2691



19.9761, 20.7338, 22.9808



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.



71.8403, 71.8721, 83.4862



88.0734, 87.3436, 102.5762



70.7553, 71.4381, 77.7730



14.8330, 14.5504, 17.3211



22.7686, 11.2416, 23.4741



1.7191, 0.8453, 1.9272

Inverse Universe

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



71.8403, 71.8721, 83.4862



88.0734, 87.3436, 102.5762



71.1815, 77.9154, 84.6881



14.8330, 14.5504, 17.3211



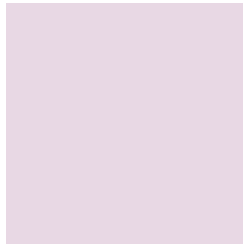
22.7686, 11.2416, 23.4741



1.7191, 0.8453, 1.9272

Previews

White Background



This preview shows how the XYZ color 71.8382, 71.8690, 83.4846 looks on a white background.

Color Contrast Check

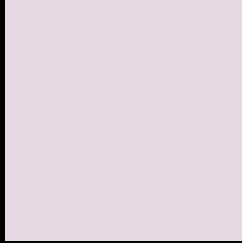
Large Text (above 18pt) WCAG AA × Fail

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 71.8382, 71.8690, 83.4846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

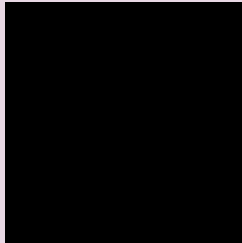
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8382, 71.8690, 83.4846

Background



This preview shows how black text looks on a background with the XYZ color 71.8382, 71.8690, 83.4846.



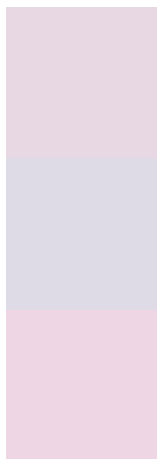
This preview shows how white text looks on a background with the XYZ color 71.8382, 71.8690,

83.4846.

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

71.8382, 71.8690, 83.4846

Protanopia

69.7386, 71.9058, 85.0665

Deuteranopia

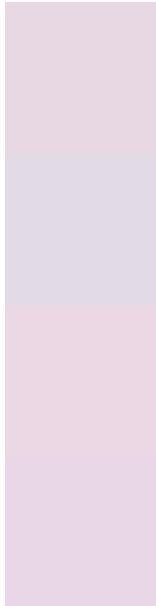
73.3101, 71.8717, 83.4076



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

71.8382, 71.8690, 83.4846

Protanomaly

70.5783, 71.9687, 84.3002

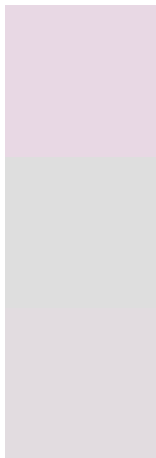
Deuteranomaly

72.8961, 72.0352, 83.4609

Tritanomaly

72.3285, 71.6940, 85.6275

Monochromacy



Original Color

71.8382, 71.8690, 83.4846

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4118, 72.7370, 80.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8382, 71.8690, 83.4846 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(232, 216, 228) looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 228)  
}
```

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(232, 216, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.8382, 71.8690, 83.4846 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(232, 216, 228) }
```


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

```
.border{ border-color:rgb(232, 216, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8382, 71.8690, 83.4846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 228) }
```

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

```
.background{ background-color: rgb(232,  
216, 228) }
```

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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