

Converting Colors

XYZ(70.7386, 68.3809, 80.7047)

Have a look what the booklet for
XYZ(70.7386, 68.3809, 80.7047)
contains.

XYZ(70.7386, 68.3809, 80.7047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.7386, 68.3809,
80.7047)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD0E1
RGB	236, 208, 225
RGB Percent	93%, 82%, 88%
CMY	0.0745, 0.1843, 0.1176
CMYK	0.00, 0.12, 0.05, 0.07
HSL	324°, 42%, 87%
HSV	324°, 12%, 93%
XYZ	70.7386, 68.3809, 80.7047
YIQ	218.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

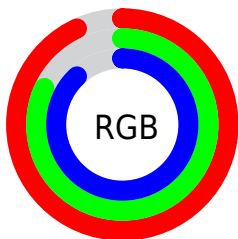
Format	Color
R _Y B	236, 208, 225
Decimal	15519969
CIE Lab	86.20, 12.61, -4.80
CIE LCh	86, 13.495, 339.174
Yxy	68.3809, 0.3218, 0.3111
Android (android.graphics.Color)	4293710049 (0xFFECD0E1)
YUV	218.3100, 3.2982, 15.5141
Hunter-Lab	82.6927, 7.9836, 0.0203

Details

The XYZ color **70.7386, 68.3809, 80.7047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7968, 78.5172, 78.5510**, and the grayscale version is **66.8287, 70.3090, 76.5665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6337, 35.7168, 42.9407** is the 20% darker color. If you saturate the color by 10%, you get **64.1770, 57.2266, 72.4453**, and if you desaturate by 10%, it is **78.2290, 81.2809, 89.6143**.

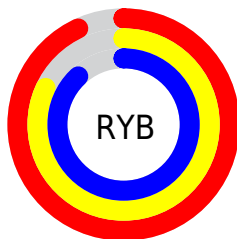
Distribution



Red (93%)

Green (82%)

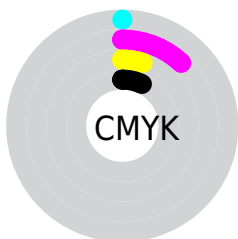
Blue (88%)



Red (93%)

Yellow (82%)

Blue (88%)

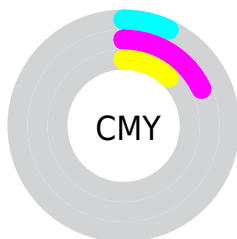


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7386, 68.3809, 80.7047 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 70.7386, 68.3809, 80.7047 by changing the saturation by 10% instead.

70.7386, 68.3809,
80.7047

70.7386, 68.3809,
80.7047

452.3652,
454.8444, 517.0738

52.4107, 50.2077,
59.7688

119.2820,
116.8969, 136.1764

37.5581, 35.5784,
42.8083

150.2282,
148.0084, 171.5493

25.8156, 24.1088,
29.4044

186.1111,
184.2015, 212.5716

16.8177, 15.4143,
19.1388

227.2962,
225.8606, 259.6620

10.1991, 9.1107,
11.5928

274.1488,
273.3700, 313.2388

5.5944, 4.8135,
6.3479

327.0343,

2.6384, 2.1382,

327.1142, 373.7207

2.9856

386.3180,
387.4775, 441.5262

■ 0.9655, 0.6860,
1.0873

■ 0.0000, 0.0000,
0.0000

■ 70.7386, 68.3809,
80.7047

■ 70.7386, 68.3809,
80.7047

■ 64.1770, 57.2266,
72.4453

■ 78.2290, 81.2809,
89.6143

■ 58.4994, 47.7333,
64.8134

■ 86.6130, 95.8573,
99.1652

■ 53.6664, 39.8224,
57.7913

■ 88.0535, 96.4335,
106.7508

■ 49.6328, 33.4058,
51.3582

■ 88.4025, 96.5731,
108.5889

■ 46.3491, 28.3863,
45.4920

■ 43.7602, 24.6553,
40.1683

■ 41.8025, 22.0880,
35.3599

■ 40.4001, 20.5343,
31.0352

■ 39.5712, 19.8246,
27.8361

Harmonies

Analogous

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



68.8408, 68.3809, 88.5207



70.7386, 68.3809, 80.7047



71.0712, 68.3809, 71.7609

Triad

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



70.7386, 68.3809, 80.7047



64.0463, 68.3809, 58.8111



60.4722, 68.3809, 85.7929

Complementary

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



70.7386, 68.3809, 80.7047



68.7968, 78.5172, 78.5510

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.



59.2735, 68.3809, 77.2161



70.7386, 68.3809, 80.7047



61.2932, 68.3809, 61.9646

Square

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



70.7386, 68.3809, 80.7047



67.1410, 68.3809, 59.5826



59.5691, 68.3809, 68.5369



62.8932, 68.3809, 91.6170

Rectangle

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



70.7386, 68.3809, 80.7047



70.3505, 68.3809, 66.4234



59.5691, 68.3809, 68.5369



59.9165, 68.3809, 83.1097

Sweetspot

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



70.7406, 68.3839, 80.7062



91.2433, 93.4084, 104.4810



66.8322, 66.1900, 88.6115



19.3810, 19.7362, 22.1884



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.



70.7406, 68.3839, 80.7062



82.5230, 78.4290, 93.9868



68.9417, 67.6644, 71.2337



15.4496, 15.2077, 17.6529



21.8775, 10.9537, 15.6882



1.7650, 0.8790, 1.4797

Inverse Universe

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



70.7406, 68.3839, 80.7062



82.5230, 78.4290, 93.9868



70.6800, 79.2705, 88.4681



15.4496, 15.2077, 17.6529



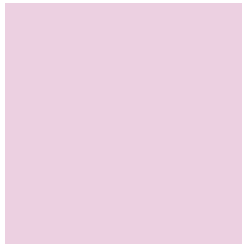
21.8775, 10.9537, 15.6882



1.7650, 0.8790, 1.4797

Previews

White Background



This preview shows how the XYZ color 70.7386, 68.3809, 80.7047 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 70.7386, 68.3809, 80.7047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

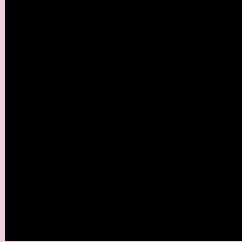
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7386, 68.3809, 80.7047

Background



This preview shows how black text looks on a background with the XYZ color 70.7386, 68.3809, 80.7047.



This preview shows how white text looks on a background with the XYZ color 70.7386, 68.3809,

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

70.7386, 68.3809, 80.7047

Protanopia

66.5083, 68.3492, 83.8161

Deuteranopia

69.9953, 68.3608, 80.7400



Tritanopia

70.6025, 68.3264, 79.9882

Trichromacy



Original Color

70.7386, 68.3809, 80.7047

Protanomaly

67.9785, 68.3764, 83.0139

Deuteranomaly

70.3228, 68.5296, 80.7553

Tritanomaly

70.6025, 68.3264, 79.9882

Monochromacy



Original Color

70.7386, 68.3809, 80.7047

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.1490, 69.3211, 78.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7386, 68.3809, 80.7047 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, 208, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 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, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.7386, 68.3809, 80.7047 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, 208, 225) }
```


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

```
.border{ border-color:rgb(236, 208, 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, 208, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7386, 68.3809, 80.7047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 225) }
```

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

```
.background{ background-color: rgb(236,  
208, 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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