

Converting Colors

XYZ(71.7317, 68.2131, 77.4071)

Have a look what the booklet for XYZ(71.7317, 68.2131, 77.4071) contains.

XYZ(71.6075, 68.1872, 77.0975) 3

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Color

**XYZ(71.6075, 68.1872,
77.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CEDC
RGB	242, 206, 220
RGB Percent	95%, 81%, 86%
CMY	0.0510, 0.1921, 0.1372
CMYK	0.00, 0.15, 0.09, 0.05
HSL	337°, 58%, 88%
HSV	337°, 15%, 95%
XYZ	71.6075, 68.1872, 77.0975
YIQ	218.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

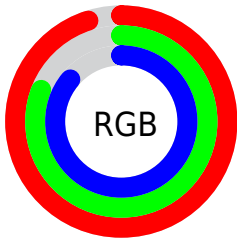
Format	Color
R _Y B	242, 206, 220
Decimal	15912668
CIE Lab	86.10, 14.88, -2.23
CIE LCh	86, 15.043, 351.488
Yxy	68.1872, 0.3302, 0.3144
Android (android.graphics.Color)	4294102748 (0xFF2CEDC)
YUV	218.3600, 0.8085, 20.7323
Hunter-Lab	82.5755, 10.2837, 2.4462

Details

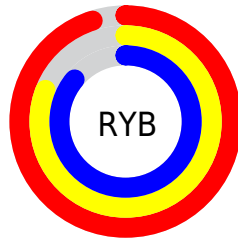
The XYZ color **71.6075, 68.1872, 77.0975** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2120, 82.2292, 85.5212**, and the grayscale version is **66.8770, 70.3598, 76.6219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2695, 35.6122, 40.4541** is the 20% darker color. If you saturate the color by 10%, you get **64.3514, 56.6718, 65.4382**, and if you desaturate by 10%, it is **79.9378, 81.5719, 89.9716**.

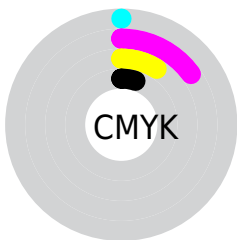
Distribution



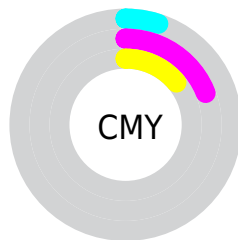
- Red (95%)
- Green (81%)
- Blue (86%)



- Red (95%)
- Yellow (81%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (5%)




- Cyan (5%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6075, 68.1872, 77.0975 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 71.6075, 68.1872, 77.0975 by changing the saturation by 10% instead.


 71.6075, 68.1872,
77.0975

 71.6075, 68.1872,
77.0975

455.3532,
454.1590, 504.5429

 53.1224, 50.0500,
56.8209


120.5122,
116.6199, 131.0514

 38.1284, 35.4532,
40.4530

151.6625,
147.6842, 165.5657

 26.2600, 24.0122,
27.5755


187.7652,
183.8264, 205.6630

 17.1520, 15.3426,
17.7696

229.1858,
225.4309, 251.7618

 10.4389, 9.0602,
10.6170

276.2895,
272.8820, 304.2806

 5.7554, 4.7805,
5.6990

329.4417,

 2.7362, 2.1190,

326.5641, 363.6381

2.5971

389.0078,
386.8616, 430.2526

■ 1.0158, 0.6753,
0.8910

■ 0.0000, 0.0000,
0.0000

■ 71.6075, 68.1872,
77.0975

■ 71.6075, 68.1872,
77.0975

■ 64.3514, 56.6718,
65.4382

■ 79.9378, 81.5719,
89.9716

■ 58.1182, 46.9329,
54.9521

■ 89.3790, 96.8950,
104.0916

■ 52.8613, 38.8837,
45.6016

■ 90.4283, 97.6174,
108.6837

■ 48.5277, 32.4261,
37.3450

■ 45.0593, 27.4521,
30.1377

■ 42.3909, 23.8398,
23.9317

■ 40.4473, 21.4480,
18.6739

■ 39.1370, 20.1032,
14.3040

■ 38.6429, 19.6873,
12.3753

Harmonies

Analogous

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



70.1506, 68.1872, 86.7383



71.6075, 68.1872, 77.0975



71.1929, 68.1872, 67.4881

Triad

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



71.6075, 68.1872, 77.0975



62.4058, 68.1872, 57.9042



60.7589, 68.1872, 90.1560

Complementary

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



71.6075, 68.1872, 77.0975



71.2120, 82.2292, 85.5212

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.



58.8203, 68.1872, 81.4370



71.6075, 68.1872, 77.0975



59.7473, 68.1872, 63.0116

Square

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



71.6075, 68.1872, 77.0975



65.7986, 68.1872, 56.9661



58.4567, 68.1872, 71.4623



63.8311, 68.1872, 94.7043

Rectangle

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



71.6075, 68.1872, 77.0975



69.9171, 68.1872, 62.3354



58.4567, 68.1872, 71.4623



59.9577, 68.1872, 87.5808

Sweetspot

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



71.6094, 68.1902, 77.0989



90.8943, 93.2688, 102.6433



69.9689, 66.9854, 93.2468



19.2927, 19.7009, 21.7235



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.



71.6094, 68.1902, 77.0989



77.9228, 72.4531, 82.5124



70.7088, 69.2325, 68.0327



16.0272, 15.8606, 17.6996



20.8213, 10.6009, 6.9754



1.7795, 0.9008, 0.8297

Inverse Universe

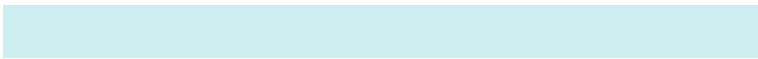
The Inverse Universe completely reimagines the original color for something new.



71.6094, 68.1902, 77.0989



77.9228, 72.4531, 82.5124



72.1739, 80.9166, 95.8196



16.0272, 15.8606, 17.6996



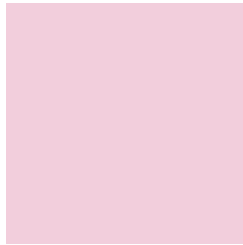
20.8213, 10.6009, 6.9754



1.7795, 0.9008, 0.8297

Previews

White Background



This preview shows how the XYZ color 71.6075, 68.1872, 77.0975 looks on a white background.

Color Contrast Check

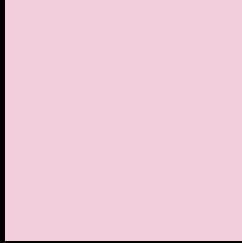
Large Text (above 18pt) WCAG AA × Fail

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 71.6075, 68.1872, 77.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

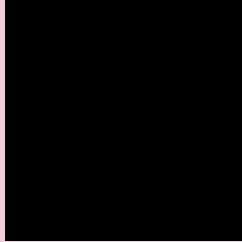
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6075, 68.1872, 77.0975

Background



This preview shows how black text looks on a background with the XYZ color 71.6075, 68.1872, 77.0975.



This preview shows how white text looks on a background with the XYZ color 71.6075, 68.1872,

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

71.6075, 68.1872, 77.0975

Protanopia

66.2524, 68.2811, 80.9219

Deuteranopia

69.8476, 68.3776, 76.5347



Tritanopia

71.8741, 68.2938, 78.5011

Trichromacy



Original Color

71.6075, 68.1872, 77.0975

Protanomaly

67.9776, 68.0850, 79.3710

Deuteranomaly

70.6020, 68.4034, 76.4999

Tritanomaly

71.7404, 68.2403, 77.7972

Monochromacy



Original Color

71.6075, 68.1872, 77.0975

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.5113, 69.5385, 76.8292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6075, 68.1872, 77.0975 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(242, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 220)  
}
```

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(242, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.6075, 68.1872, 77.0975 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(242, 206, 220) }
```


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

```
.border{ border-color:rgb(242, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6075, 68.1872, 77.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 220) }
```

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

```
.background{ background-color: rgb(242,  
206, 220) }
```

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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