

Converting Colors

XYZ(71.2150, 68.5261, 74.8209)

Have a look what the booklet for
XYZ(71.2150, 68.5261, 74.8209)
contains.

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Color

**XYZ(71.1128, 68.3362,
75.0878)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CFD9
RGB	241, 207, 217
RGB Percent	95%, 81%, 85%
CMY	0.0549, 0.1882, 0.1490
CMYK	0.00, 0.14, 0.10, 0.05
HSL	342°, 55%, 88%
HSV	342°, 14%, 95%
XYZ	71.1128, 68.3362, 75.0878
YIQ	218.3060, 17.0540, 10.3180

Conversions

Conversions Part 2

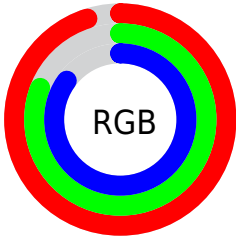
Format	Color
RYB	241, 207, 217
Decimal	15847385
CIELab	86.17, 13.51, -0.54
CIElCh	86, 13.518, 357.727
Yxy	68.3362, 0.3315, 0.3185
Android (android.graphics.Color)	4294037465 (0xFFFF1CFD9)
YUV	218.3060, -0.6439, 19.9026
Hunter-Lab	82.6657, 8.8888, 4.0111

Details

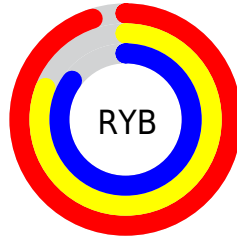
The XYZ color **71.1128, 68.3362, 75.0878** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6139, 81.9472, 87.6481**, and the grayscale version is **66.8494, 70.3308, 76.5902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9204, 35.7054, 39.0756** is the 20% darker color. If you saturate the color by 10%, you get **63.6138, 56.6986, 62.2270**, and if you desaturate by 10%, it is **79.7350, 81.8535, 89.4503**.

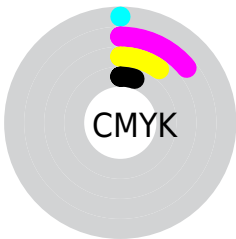
Distribution



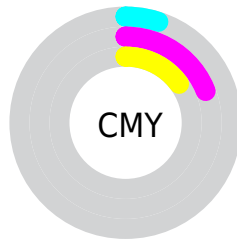
- Red (95%)
- Green (81%)
- Blue (85%)



- Red (95%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1128, 68.3362, 75.0878 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 71.1128, 68.3362, 75.0878 by changing the saturation by 10% instead.


 71.1128, 68.3362,
75.0878

 71.1128, 68.3362,
75.0878


453.6534,
454.6863, 497.4828

 52.7171, 50.1713,
55.1827


119.8120,
116.8330, 128.1849

 37.8036, 35.5495,
39.1484


150.8462,
147.9336, 162.2139

 26.0068, 24.0865,
26.5665


186.8239,
184.1150, 201.7880

 16.9614, 15.3978,
17.0183

228.1106,
225.7615, 247.3256

 10.3021, 9.0990,
10.0855

275.0715,
273.2574, 299.2454

 5.6635, 4.8058,
5.3493

328.0720,

 2.6803, 2.1338,

326.9873, 357.9658

2.3913

387.4775,
387.3354, 423.9054

■ 0.9870, 0.6835,
0.7817

■ 0.0000, 0.0000,
0.0000

■ 71.1128, 68.3362,
75.0878

■ 71.1128, 68.3362,
75.0878

■ 63.6138, 56.6986,
62.2270

■ 79.7350, 81.8535,
89.4503

■ 57.1852, 46.8482,
50.8140

■ 89.4531, 97.1878,
105.3354

■ 51.7781, 38.6985,
40.7976

■ 90.0859, 97.4409,
108.6677

■ 47.3379, 32.1521,
32.1221

■ 43.8044, 27.1016,
24.7277

■ 41.1105, 23.4263,
18.5499

■ 39.1789, 20.9868,
13.5174

■ 37.9168, 19.6130,
9.5502

■ 37.4088, 19.1541,
7.6634

Harmonies

Analogous

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



70.1408, 68.3362, 83.9322



71.1128, 68.3362, 75.0878



70.3907, 68.3362, 66.7183

Triad

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



71.1128, 68.3362, 75.0878



62.2084, 68.3362, 60.2512



61.8101, 68.3362, 89.8490

Complementary

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



71.1128, 68.3362, 75.0878



71.6139, 81.9472, 87.6481

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.



59.8000, 68.3362, 82.6638



71.1128, 68.3362, 75.0878



60.0247, 68.3362, 65.6303

Square

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



71.1128, 68.3362, 75.0878



65.1890, 68.3362, 58.5701



59.1568, 68.3362, 73.7293



64.7146, 68.3362, 92.8675

Rectangle

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



71.1128, 68.3362, 75.0878



69.0582, 68.3362, 62.4381



59.1568, 68.3362, 73.7293



61.0109, 68.3362, 87.8142

Sweetspot

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



71.1147, 68.3392, 75.0893



90.7441, 93.2087, 101.8520



71.0828, 67.9355, 92.5862



19.2547, 19.6857, 21.5236



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

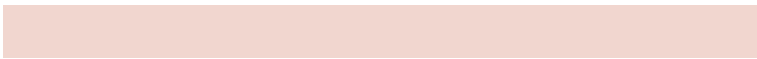
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1147, 68.3392, 75.0893



78.2044, 73.5755, 80.8828



71.5363, 71.2006, 69.0079



15.9640, 15.8353, 17.3666



20.3370, 10.4072, 4.4250



1.7338, 0.8825, 0.5888

Inverse Universe

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



71.1147, 68.3392, 75.0893



78.2044, 73.5755, 80.8828



71.0914, 78.5778, 94.6399



15.9640, 15.8353, 17.3666



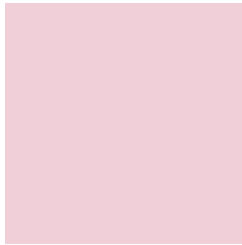
20.3370, 10.4072, 4.4250



1.7338, 0.8825, 0.5888

Previews

White Background



This preview shows how the XYZ color 71.1128, 68.3362, 75.0878 looks on a white background.

Color Contrast Check

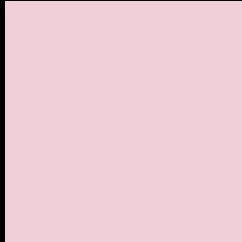
Large Text (above 18pt) WCAG AA × Fail

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 71.1128, 68.3362, 75.0878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

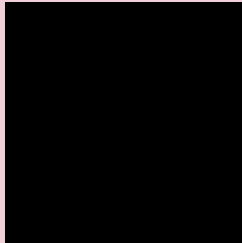
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1128, 68.3362, 75.0878

Background



This preview shows how black text looks on a background with the XYZ color 71.1128, 68.3362, 75.0878.



This preview shows how white text looks on a background with the XYZ color 71.1128, 68.3362,

75.0878.

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

71.1128, 68.3362, 75.0878

Protanopia

66.2650, 68.7268, 78.1797

Deuteranopia

69.9169, 68.4435, 75.1715



Tritanopia

71.8741, 68.2938, 78.5011

Trichromacy



Original Color

71.1128, 68.3362, 75.0878

Protanomaly

67.8258, 68.4230, 77.3423

Deuteranomaly

70.3402, 68.2986, 75.1213

Tritanomaly

71.6075, 68.1872, 77.0975

Monochromacy



Original Color

71.1128, 68.3362, 75.0878

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.0655, 69.3238, 76.1231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1128, 68.3362, 75.0878 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(241, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 217)  
}
```

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(241, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.1128, 68.3362, 75.0878 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(241, 207, 217) }
```


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

```
.border{ border-color:rgb(241, 207, 217) }
```

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

Here you see how a box with a 4 pixel rgb(241, 207, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1128, 68.3362, 75.0878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 217) }
```

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

```
.background{ background-color: rgb(241,  
207, 217) }
```

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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