

Converting Colors

XYZ(73.2745, 68.4332, 78.2900)

Have a look what the booklet for
XYZ(73.2745, 68.4332, 78.2900)
contains.

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Color

**XYZ(73.1355, 68.2338,
78.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CCDE
RGB	247, 204, 222
RGB Percent	97%, 80%, 87%
CMY	0.0314, 0.2000, 0.1294
CMYK	0.00, 0.17, 0.10, 0.03
HSL	335°, 73%, 88%
HSV	335°, 17%, 97%
XYZ	73.1355, 68.2338, 78.4230
YIQ	218.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

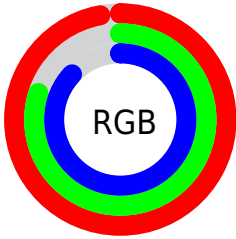
Format	Color
R _Y B	247, 204, 222
Decimal	16239838
CIE Lab	86.12, 17.99, -3.20
CIE LCh	86, 18.273, 349.907
Yxy	68.2338, 0.3327, 0.3104
Android (android.graphics.Color)	4294429918 (0xFFFF7CCDE)
YUV	218.9090, 1.5239, 24.6358
Hunter-Lab	82.6038, 13.4833, 1.5334

Details

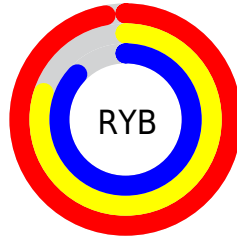
The XYZ color **73.1355, 68.2338, 78.4230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3082, 85.0180, 86.7320**, and the grayscale version is **67.2506, 70.7529, 77.0499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1166, 35.5499, 41.3594** is the 20% darker color. If you saturate the color by 10%, you get **65.8805, 56.6736, 66.9089**, and if you desaturate by 10%, it is **81.4894, 81.7276, 91.1140**.

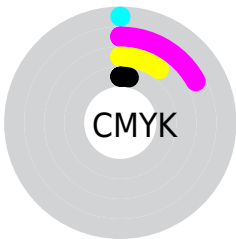
Distribution



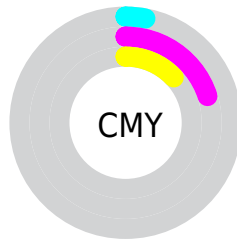
- Red (97%)
- Green (80%)
- Blue (87%)



- Red (97%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1355, 68.2338, 78.4230 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 73.1355, 68.2338, 78.4230 by changing the saturation by 10% instead.


 73.1355, 68.2338,
78.4230

 73.1355, 68.2338,
78.4230


460.5808,
454.3239, 509.1681

 54.3755, 50.0880,
57.9030


122.6716,
116.6865, 132.9375

 39.1338, 35.4833,
41.3165

154.1785,
147.7623, 167.7692

 27.0451, 24.0354,
28.2449


190.6651,
183.9167, 208.2084

 17.7438, 15.3599,
18.2697

232.4968,
225.5343, 254.6739

 10.8648, 9.0723,
10.9724

280.0388,
272.9994, 307.5840

 6.0426, 4.7884,
5.9343

333.6566,

 2.9119, 2.1237,

326.6965, 367.3574

2.7370

393.7155,
387.0098, 434.4126

■ 1.1074, 0.6779,
0.9620

■ 0.0313, 0.0000,
0.0000

■ 73.1355, 68.2338,
78.4230

■ 73.1355, 68.2338,
78.4230

■ 65.8805, 56.6736,
66.9089

■ 81.4894, 81.7276,
91.1140

■ 59.6706, 46.9486,
56.5314

■ 90.9811, 97.2293,
105.0118

■ 54.4564, 38.9657,
47.2539

■ 92.1682, 98.5144,
108.7651

■ 50.1817, 32.6198,
39.0359

■ 46.7845, 27.7941,
31.8340

■ 44.1948, 24.3566,
25.6010

■ 42.3309, 22.1518,
20.2844

■ 41.0871, 20.9772,
15.8225

■ 40.8256, 20.7613,
14.7881

Harmonies

Analogous

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



71.2313, 68.2338, 90.2105



73.1355, 68.2338, 78.4230



72.7487, 68.2338, 66.6939

Triad

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



73.1355, 68.2338, 78.4230



62.1428, 68.2338, 54.5989



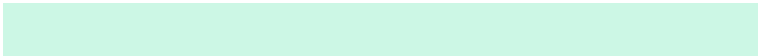
59.7902, 68.2338, 93.4327

Complementary

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



73.1355, 68.2338, 78.4230



72.3082, 85.0180, 86.7320

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.



57.5525, 68.2338, 82.4527



73.1355, 68.2338, 78.4230



58.8695, 68.2338, 60.3710

Square

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



73.1355, 68.2338, 78.4230



66.2800, 68.2338, 53.7691



57.2229, 68.2338, 70.3145



63.4490, 68.2338, 99.4748

Rectangle

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



73.1355, 68.2338, 78.4230



71.2493, 68.2338, 60.4213



57.2229, 68.2338, 70.3145



58.8537, 68.2338, 90.1449

Sweetspot

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



73.1374, 68.2368, 78.4244



89.9458, 91.6649, 101.4234



70.4953, 66.4585, 97.1090



19.1039, 19.3788, 21.4895



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.



73.1374, 68.2368, 78.4244



75.6677, 68.6178, 79.6802



71.5398, 68.6980, 66.6198



16.7868, 16.5976, 18.6241



21.6582, 11.0067, 8.1742



1.9536, 0.9874, 0.9819

Inverse Universe

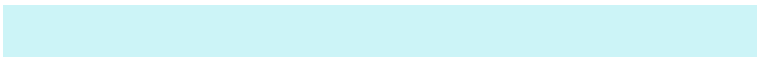
The Inverse Universe completely reimagines the original color for something new.



73.1374, 68.2368, 78.4244



75.6677, 68.6178, 79.6802



74.0834, 84.3363, 100.3707



16.7868, 16.5976, 18.6241



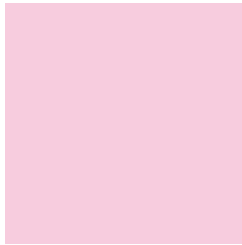
21.6582, 11.0067, 8.1742



1.9536, 0.9874, 0.9819

Previews

White Background



This preview shows how the XYZ color 73.1355, 68.2338, 78.4230 looks on a white background.

Color Contrast Check

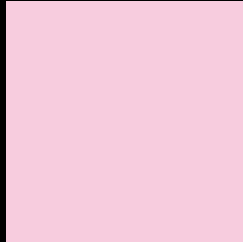
Large Text (above 18pt) WCAG AA × Fail

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 73.1355, 68.2338, 78.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

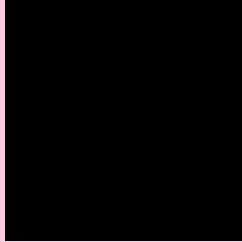
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1355, 68.2338, 78.4230

Background



This preview shows how black text looks on a background with the XYZ color 73.1355, 68.2338, 78.4230.



This preview shows how white text looks on a background with the XYZ color 73.1355, 68.2338,

78.4230.

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

73.1355, 68.2338, 78.4230

Protanopia

66.3691, 68.2935, 83.0827

Deuteranopia

69.7833, 68.3138, 77.9145



Tritanopia

72.8689, 68.1272, 77.0194

Trichromacy



Original Color

73.1355, 68.2338, 78.4230

Protanomaly

68.4526, 67.9151, 81.4526

Deuteranomaly

70.9606, 68.1968, 77.8299

Tritanomaly

73.0018, 68.1803, 77.7191

Monochromacy



Original Color

73.1355, 68.2338, 78.4230

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2779, 69.9185, 77.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1355, 68.2338, 78.4230 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(247, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 222)  
}
```

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(247, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.1355, 68.2338, 78.4230 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(247, 204, 222) }
```


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

```
.border{ border-color:rgb(247, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(247, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1355, 68.2338, 78.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 222) }
```

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

```
.background{ background-color: rgb(247,  
204, 222) }
```

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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