

Converting Colors

XYZ(75.0730, 73.1573, 78.5239)

Have a look what the booklet for
XYZ(75.0730, 73.1573, 78.5239)
contains.

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Color

**XYZ(75.0078, 73.2338,
78.5888)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D7DD
RGB	245, 215, 221
RGB Percent	96%, 84%, 87%
CMY	0.0392, 0.1568, 0.1333
CMYK	0.00, 0.12, 0.10, 0.04
HSL	348°, 60%, 90%
HSV	348°, 12%, 96%
XYZ	75.0078, 73.2338, 78.5888
YIQ	224.6540, 15.9540, 8.2260

Conversions

Conversions Part 2

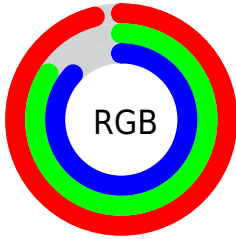
Format	Color
R _Y B	245, 215, 221
Decimal	16111581
CIE Lab	88.56, 11.37, 0.87
CIE LCh	89, 11.401, 4.382
Yxy	73.2338, 0.3307, 0.3229
Android (android.graphics.Color)	4294301661 (0xFFFF5D7DD)
YUV	224.6540, -1.8014, 17.8434
Hunter-Lab	85.5767, 6.6955, 5.4552

Details

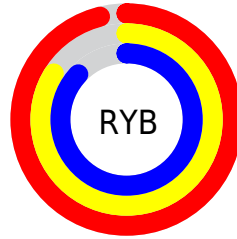
The XYZ color **75.0078, 73.2338, 78.5888** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2596, 85.9858, 94.2432**, and the grayscale version is **71.3259, 75.0404, 81.7190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4400, 38.7136, 41.4174** is the 20% darker color. If you saturate the color by 10%, you get **66.7694, 60.6949, 63.7007**, and if you desaturate by 10%, it is **84.4896, 87.7696, 95.3977**.

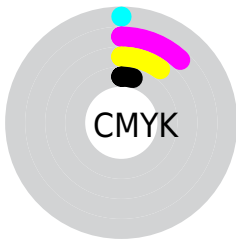
Distribution



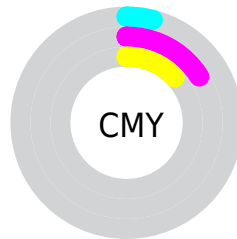
- Red (96%)
- Green (84%)
- Blue (87%)



- Red (96%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0078, 73.2338, 78.5888 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 75.0078, 73.2338, 78.5888 by changing the saturation by 10% instead.

75.0078, 73.2338,
78.5888

75.0078, 73.2338,
78.5888

466.9411,
471.8247, 509.7450

55.9135, 54.1672,
58.0385

125.3113,
123.8091, 133.1732

40.3703, 38.7353,
41.4247

157.2511,
156.0865, 168.0444

28.0129, 26.5539,
28.3289

194.2035,
193.5363, 208.5263

18.4759, 17.2385,
18.3325

236.5338,
236.5428, 255.0374

11.3939, 10.4047,
11.0171

284.6073,
285.4906, 307.9963

6.4017, 5.6681,
5.9640

338.7895,

3.1338, 2.6443,

340.7639, 367.8215

2.7548

399.4457,
402.7471, 434.9315

■ 1.2249, 0.9490,
0.9708

■ 0.1259, 0.0000,
0.0000

■ 75.0078, 73.2338,
78.5888

■ 75.0078, 73.2338,
78.5888

■ 66.7694, 60.6949,
63.7007

■ 84.4896, 87.7696,
95.3977

■ 59.7162, 50.0561,
50.6598

■ 91.4666, 98.1527,
108.7323

■ 53.7949, 41.2273,
39.3948

■ 48.9454, 34.1073,
29.8277

■ 45.1020, 28.5845,
21.8749

■ 42.1916, 24.5346,
15.4452

■ 40.1307, 21.8141,
10.4381

■ 38.8201, 20.2508,
6.7399

■ 38.2104, 19.6342,
4.6786

Harmonies

Analogous

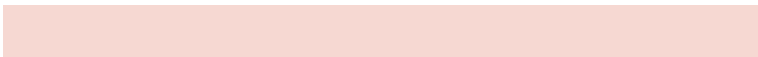
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4794, 73.2338, 86.4612



75.0078, 73.2338, 78.5888



74.0580, 73.2338, 71.4970

Triad

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



75.0078, 73.2338, 78.5888



66.6658, 73.2338, 67.8934



67.3473, 73.2338, 94.1740

Complementary

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



75.0078, 73.2338, 78.5888



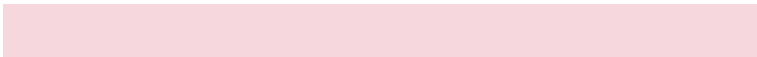
76.2596, 85.9858, 94.2432

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.



65.3371, 73.2338, 88.5916



75.0078, 73.2338, 78.5888



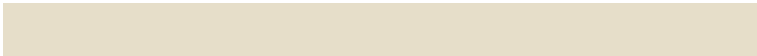
64.9509, 73.2338, 73.3749

Square

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



75.0078, 73.2338, 78.5888



69.2037, 73.2338, 65.5853



64.4710, 73.2338, 80.9007



70.0109, 73.2338, 95.7956

Rectangle

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



75.0078, 73.2338, 78.5888



72.7286, 73.2338, 68.0617



64.4710, 73.2338, 80.9007



66.5751, 73.2338, 92.6812

Sweetspot

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



75.0099, 73.2370, 78.5904



90.5956, 93.1493, 101.0701



76.3808, 73.5475, 96.5576



19.2173, 19.6707, 21.3263



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

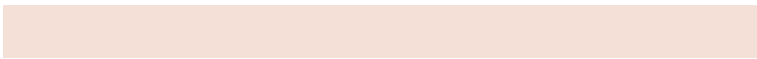
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0099, 73.2370, 78.5904



79.4968, 76.1602, 81.3132



76.5799, 77.6330, 75.2423



16.6345, 16.5367, 17.8221



20.6234, 10.5928, 2.7252



1.8476, 0.9450, 0.4240

Inverse Universe

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



75.0099, 73.2370, 78.5904



79.4968, 76.1602, 81.3132



74.5038, 81.0330, 98.1013



16.6345, 16.5367, 17.8221



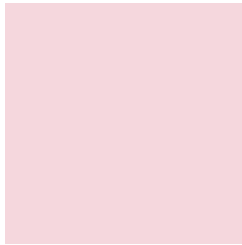
20.6234, 10.5928, 2.7252



1.8476, 0.9450, 0.4240

Previews

White Background



This preview shows how the XYZ color 75.0078, 73.2338, 78.5888 looks on a white background.

Color Contrast Check

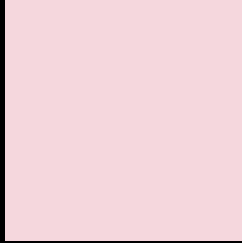
Large Text (above 18pt) WCAG AA × Fail

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 75.0078, 73.2338, 78.5888 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 75.0078, 73.2338, 78.5888

Background



This preview shows how black text looks on a background with the XYZ color 75.0078, 73.2338, 78.5888.

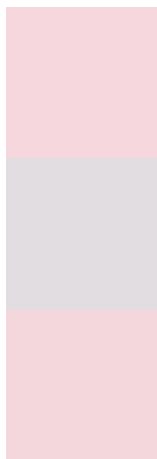


This preview shows how white text looks on a background with the XYZ color 75.0078, 73.2338,

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

75.0078, 73.2338, 78.5888

Protanopia

70.8111, 73.3179, 81.6538

Deuteranopia

74.6598, 73.0544, 78.5725



Tritanopia

76.3355, 73.3991, 85.0070

Trichromacy



Original Color

75.0078, 73.2338, 78.5888

Protanomaly

72.3903, 73.3685, 80.8672

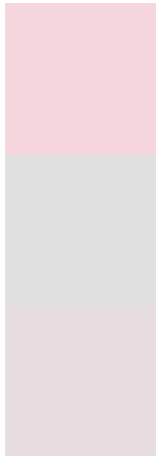
Deuteranomaly

74.6598, 73.0544, 78.5725

Tritanomaly

75.9177, 73.2320, 82.8069

Monochromacy



Original Color

75.0078, 73.2338, 78.5888

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5897, 74.2505, 81.0269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0078, 73.2338, 78.5888 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(245, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 221)  
}
```

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(245, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.0078, 73.2338, 78.5888 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(245, 215, 221) }
```


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

```
.border{ border-color:rgb(245, 215, 221) }
```

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

Here you see how a box with a 4 pixel rgb(245, 215, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0078, 73.2338, 78.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 221) }
```

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

```
.background{ background-color: rgb(245,  
215, 221) }
```

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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