

Converting Colors

XYZ(76.3245, 73.5260, 87.0419)

Have a look what the booklet for
XYZ(76.3245, 73.5260, 87.0419)
contains.

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Color

**XYZ(76.4107, 73.3888,
87.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D6E9
RGB	245, 214, 233
RGB Percent	96%, 84%, 91%
CMY	0.0392, 0.1608, 0.0863
CMYK	0.00, 0.13, 0.05, 0.04
HSL	323°, 61%, 90%
HSV	323°, 13%, 96%
XYZ	76.4107, 73.3888, 87.2290
YIQ	225.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

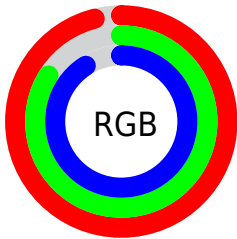
Format	Color
R _Y B	245, 214, 233
Decimal	16111337
CIE Lab	88.63, 13.91, -5.35
CIE LCh	89, 14.906, 338.970
Yxy	73.3888, 0.3224, 0.3096
Android (android.graphics.Color)	4294301417 (0xFFFF5D6E9)
YUV	225.4350, 3.7295, 17.1585
Hunter-Lab	85.6673, 9.2949, -0.4038

Details

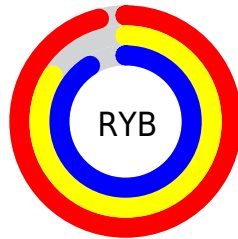
The XYZ color **76.4107, 73.3888, 87.2290** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1142, 85.0938, 84.4740**, and the grayscale version is **71.8505, 75.5924, 82.3201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3202, 38.7894, 46.9043** is the 20% darker color. If you saturate the color by 10%, you get **69.3522, 61.3814, 78.3701**, and if you desaturate by 10%, it is **84.4788, 87.2968, 96.7855**.

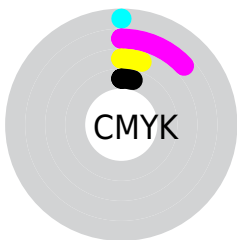
Distribution



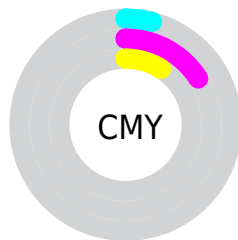
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4107, 73.3888, 87.2290 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 76.4107, 73.3888, 87.2290 by changing the saturation by 10% instead.


 76.4107, 73.3888,
87.2290

 76.4107, 73.3888,
87.2290

471.6752,
472.3612, 539.3108

 57.0676, 54.2939,
65.1240


127.2846,
124.0290, 145.3850

 41.2998, 38.8367,
47.1097

159.5460,
156.3431, 182.2730

 28.7422, 26.6327,
32.7674

196.8443,
193.8325, 224.9259

 19.0292, 17.2976,
21.6787

239.5447,
236.8814, 273.7621

 11.7955, 10.4469,
13.4249

288.0126,
285.8744, 329.2001

 6.6758, 5.6962,
7.5876

342.6135,

 3.3047, 2.6613,

341.1957, 391.6586

3.7483

403.7126,
403.2299, 461.5559

■ 1.3169, 0.9576,
1.4883

■ 0.1958, 0.0000,
0.2092

■ 76.4107, 73.3888,
87.2290

■ 76.4107, 73.3888,
87.2290

■ 69.3522, 61.3814,
78.3701

■ 84.4788, 87.2968,
96.7855

■ 63.2543, 51.1816,
70.1844

■ 90.9828, 97.9592,
106.1846

■ 58.0734, 42.7028,
62.6525

■ 91.4666, 98.1527,
108.7323

■ 53.7598, 35.8476,
55.7518

■ 50.2589, 30.5087,
49.4582

■ 47.5095, 26.5658,
43.7451

■ 45.4412, 23.8801,
38.5827

■ 43.9691, 22.2839,
33.9361

■ 43.1737, 21.6195,
30.8151

Harmonies

Analogous

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



74.1947, 73.3888, 96.3186



76.4107, 73.3888, 87.2290



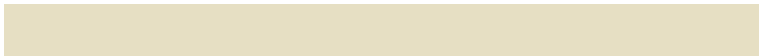
76.8111, 73.3888, 76.8592

Triad

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



76.4107, 73.3888, 87.2290



68.6810, 73.3888, 61.8958



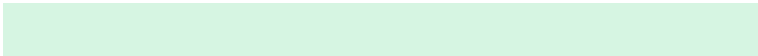
64.5136, 73.3888, 93.0239

Complementary

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



76.4107, 73.3888, 87.2290



74.1142, 85.0938, 84.4740

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.



63.1427, 73.3888, 83.0362



76.4107, 73.3888, 87.2290



65.4939, 73.3888, 65.4759

Square

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



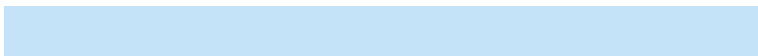
76.4107, 73.3888, 87.2290



72.2654, 73.3888, 62.8087



63.4953, 73.3888, 73.0084



67.3012, 73.3888, 99.8590

Rectangle

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



76.4107, 73.3888, 87.2290



75.9814, 73.3888, 70.6928



63.4953, 73.3888, 73.0084



63.8762, 73.3888, 89.8909

Sweetspot

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



76.4128, 73.3920, 87.2306



91.2526, 93.4121, 104.5299



71.8583, 70.8392, 96.2732



19.3833, 19.7371, 22.2008



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.



76.4128, 73.3920, 87.2306



81.7451, 77.0596, 93.1530



74.3101, 72.5509, 76.1577



16.9259, 16.6532, 19.3565



23.3282, 11.6747, 16.9683



2.1005, 1.0462, 1.7558

Inverse Universe

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



76.4128, 73.3920, 87.2306



81.7451, 77.0596, 93.1530



76.3208, 85.9765, 96.0935



16.9259, 16.6532, 19.3565



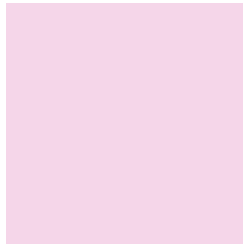
23.3282, 11.6747, 16.9683



2.1005, 1.0462, 1.7558

Previews

White Background



This preview shows how the XYZ color 76.4107, 73.3888, 87.2290 looks on a white background.

Color Contrast Check

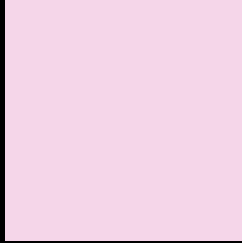
Large Text (above 18pt) WCAG AA × Fail

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 76.4107, 73.3888, 87.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

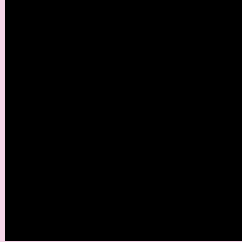
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4107, 73.3888, 87.2290

Background



This preview shows how black text looks on a background with the XYZ color 76.4107, 73.3888, 87.2290.



This preview shows how white text looks on a background with the XYZ color 76.4107, 73.3888,

87.2290.

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

76.4107, 73.3888, 87.2290

Protanopia

71.2667, 73.3569, 90.5239

Deuteranopia

75.1990, 73.5202, 87.3182



Tritanopia

76.1266, 73.2751, 85.7325

Trichromacy



Original Color

76.4107, 73.3888, 87.2290

Protanomaly

72.8449, 73.0219, 89.6122

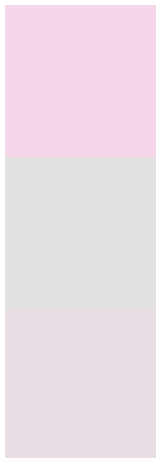
Deuteranomaly

75.6264, 73.3613, 87.2650

Tritanomaly

76.2682, 73.3318, 86.4786

Monochromacy



Original Color

76.4107, 73.3888, 87.2290

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1388, 74.4701, 83.9181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4107, 73.3888, 87.2290 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, 214, 233) looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 233)  
}
```

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, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.4107, 73.3888, 87.2290 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, 214, 233) }
```


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

```
.border{ border-color:rgb(245, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4107, 73.3888, 87.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 233) }
```

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

```
.background{ background-color: rgb(245,  
214, 233) }
```

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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