

Converting Colors

XYZ(78.1194, 75.8935, 87.5719)

Have a look what the booklet for
XYZ(78.1194, 75.8935, 87.5719)
contains.

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Color

**XYZ(78.1372, 75.8002,
87.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DAE9
RGB	247, 218, 233
RGB Percent	97%, 85%, 91%
CMY	0.0314, 0.1451, 0.0863
CMYK	0.00, 0.12, 0.06, 0.03
HSL	329°, 64%, 91%
HSV	329°, 12%, 97%
XYZ	78.1372, 75.8002, 87.6034
YIQ	228.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

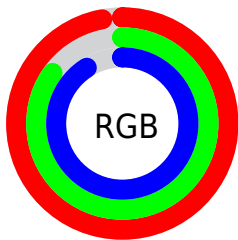
Format	Color
R _Y B	247, 218, 233
Decimal	16243433
CIE Lab	89.77, 12.50, -3.66
CIE LCh	90, 13.027, 343.683
Yxy	75.8002, 0.3235, 0.3138
Android (android.graphics.Color)	4294433513 (0xFFF7DAE9)
YUV	228.3810, 2.2772, 16.3289
Hunter-Lab	87.0633, 7.8386, 1.2865

Details

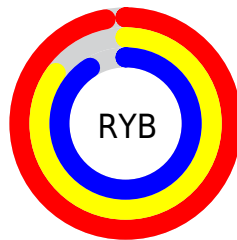
The XYZ color **78.1372, 75.8002, 87.6034** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7427, 87.2552, 89.1454**, and the grayscale version is **74.0010, 77.8549, 84.7839**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5189, 40.4451, 47.1607** is the 20% darker color. If you saturate the color by 10%, you get **70.5571, 63.2741, 76.9537**, and if you desaturate by 10%, it is **86.7913, 90.2879, 99.1810**.

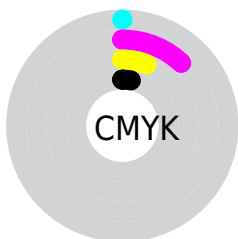
Distribution



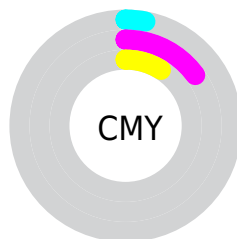
- Red (97%)
- Green (85%)
- Blue (91%)



- Red (97%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1372, 75.8002, 87.6034 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 78.1372, 75.8002, 87.6034 by changing the saturation by 10% instead.

 78.1372, 75.8002,
87.6034

 78.1372, 75.8002,
87.6034

477.4653,
480.6635, 540.5712

 58.4899, 56.2687,
65.4322


129.7079,
127.4444, 145.9112

 42.4474, 40.4184,
47.3580

162.3619,
160.3260, 182.8848

 29.6444, 27.8649,
32.9624


200.0822,
198.4263, 225.6297

 19.7156, 18.2238,
21.8268

243.2341,
242.1298, 274.5643

 12.2955, 11.1108,
13.5326

292.1831,
291.8208, 330.1072

 7.0189, 6.1414,
7.6613

347.2943,

 3.5204, 2.9313,

347.8839, 392.6770

3.7943

408.9333,
410.7033, 462.6921

■ 1.4345, 1.0960,
1.5132

■ 0.2806, 0.0000,
0.2277

■ 78.1372, 75.8002,
87.6034

■ 78.1372, 75.8002,
87.6034

■ 70.5571, 63.2741,
76.9537

■ 86.7913, 90.2879,
99.1810

■ 64.0001, 52.6147,
67.2011

■ 92.1683, 98.5144,
108.7651

■ 58.4209, 43.7338,
58.3200

■ 53.7679, 36.5323,
50.2813

■ 49.9849, 30.9015,
43.0540

■ 47.0086, 26.7193,
36.6042

■ 44.7670, 23.8458,
30.8949

■ 43.1737, 22.1123,
25.8833

■ 42.2375, 21.3261,
22.2231

Harmonies

Analogous

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



76.3962, 75.8002, 95.9972



78.1372, 75.8002, 87.6034



78.2148, 75.8002, 78.4198

Triad

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



78.1372, 75.8002, 87.6034



70.5947, 75.8002, 66.5129



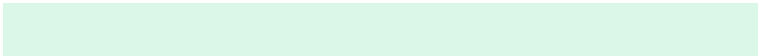
67.6711, 75.8002, 95.3627

Complementary

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



78.1372, 75.8002, 87.6034



76.7427, 87.2552, 89.1454

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.



66.2101, 75.8002, 86.7887



78.1372, 75.8002, 87.6034



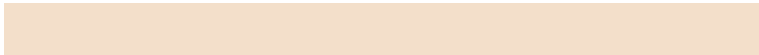
67.8638, 75.8002, 70.3916

Square

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



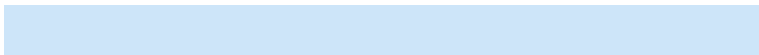
78.1372, 75.8002, 87.6034



73.7950, 75.8002, 66.6953



66.2795, 75.8002, 77.6631



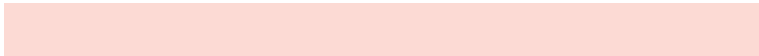
70.3245, 75.8002, 100.6994

Rectangle

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



78.1372, 75.8002, 87.6034



77.3082, 75.8002, 73.1074



66.2795, 75.8002, 77.6631



67.0278, 75.8002, 92.7370

Sweetspot

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



78.1394, 75.8035, 87.6050



91.0990, 93.3507, 103.7213



74.9903, 73.9398, 98.3162



19.3445, 19.7216, 21.9961



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.



78.1394, 75.8035, 87.6050



82.0477, 78.2388, 91.4836



76.2137, 75.0333, 77.4647



16.8570, 16.6256, 18.9935



22.4100, 11.3074, 12.1333



2.0216, 1.0146, 1.3399

Inverse Universe

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



78.1394, 75.8035, 87.6050



82.0477, 78.2388, 91.4836



78.8163, 88.0847, 100.0648



16.8570, 16.6256, 18.9935



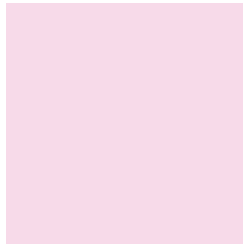
22.4100, 11.3074, 12.1333



2.0216, 1.0146, 1.3399

Previews

White Background



This preview shows how the XYZ color 78.1372, 75.8002, 87.6034 looks on a white background.

Color Contrast Check

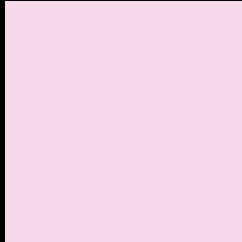
Large Text (above 18pt) WCAG AA × Fail

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 78.1372, 75.8002, 87.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

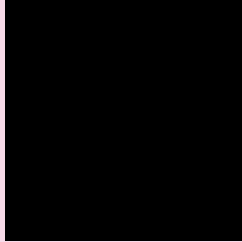
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1372, 75.8002, 87.6034

Background



This preview shows how black text looks on a background with the XYZ color 78.1372, 75.8002, 87.6034.



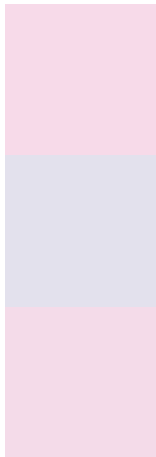
This preview shows how white text looks on a background with the XYZ color 78.1372, 75.8002,

87.6034.

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

78.1372, 75.8002, 87.6034

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

77.3477, 75.7793, 87.6410



Tritanopia

78.4246, 75.9151, 89.1169

Trichromacy



Original Color

78.1372, 75.8002, 87.6034

Protanomaly

75.1933, 75.7911, 90.0229

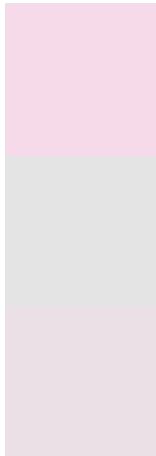
Deuteranomaly

77.6957, 75.9587, 87.6573

Tritanomaly

78.2805, 75.8575, 88.3580

Monochromacy



Original Color

78.1372, 75.8002, 87.6034

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1995, 76.6866, 85.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1372, 75.8002, 87.6034 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, 218, 233) looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 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(247, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 233) }
```

Border

The CSS property to change the border of an element to XYZ 78.1372, 75.8002, 87.6034 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, 218, 233) }
```


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

```
.border{ border-color:rgb(247, 218, 233) }
```

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

Here you see how a box with a 4 pixel rgb(247, 218, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1372, 75.8002, 87.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 233) }
```

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

```
.background{ background-color: rgb(247,  
218, 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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