

Converting Colors

XYZ(78.7209, 75.4892, 89.2250)

Have a look what the booklet for
XYZ(78.7209, 75.4892, 89.2250)
contains.

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Color

**XYZ(78.8752, 75.7636,
89.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D9EB
RGB	249, 217, 235
RGB Percent	98%, 85%, 92%
CMY	0.0235, 0.1490, 0.0784
CMYK	0.00, 0.13, 0.06, 0.02
HSL	326°, 73%, 91%
HSV	326°, 13%, 98%
XYZ	78.8752, 75.7636, 89.0639
YIQ	228.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

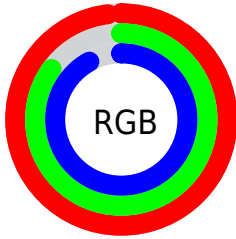
Format	Color
R _Y B	249, 217, 235
Decimal	16374251
CIE Lab	89.75, 14.05, -4.72
CIE LCh	90, 14.817, 341.435
Yxy	75.7636, 0.3237, 0.3109
Android (android.graphics.Color)	4294564331 (0xFFFF9D9EB)
YUV	228.6200, 3.1453, 17.8733
Hunter-Lab	87.0423, 9.4275, 0.2626

Details

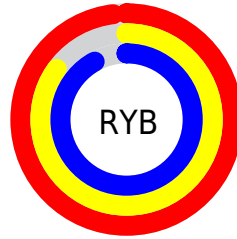
The XYZ color **78.8752, 75.7636, 89.0639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9177, 88.2747, 88.5903**, and the grayscale version is **74.1697, 78.0323, 84.9771**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7952, 40.3018, 48.1713** is the 20% darker color. If you saturate the color by 10%, you get **71.4092, 63.2733, 79.0458**, and if you desaturate by 10%, it is **87.4103, 90.2357, 99.9159**.

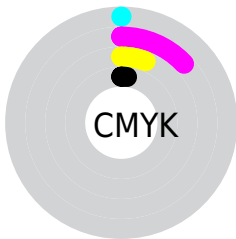
Distribution



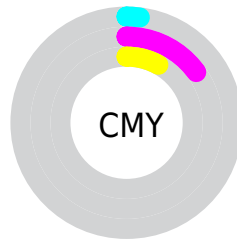
- Red (98%)
- Green (85%)
- Blue (92%)



- Red (98%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8752, 75.7636, 89.0639 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 78.8752, 75.7636, 89.0639 by changing the saturation by 10% instead.

78.8752, 75.7636,
89.0639

78.8752, 75.7636,
89.0639

479.9285,
480.5381, 545.4724

59.0985, 56.2387,
66.6352

130.7420,
127.3927, 147.9616

42.9391, 40.3943,
48.3285

163.5628,
160.2656, 185.2676

30.0316, 27.8461,
33.7252

201.4623,
198.3567, 228.3698

20.0108, 18.2097,
22.4070

244.8060,
242.0504, 277.6867

12.5112, 11.1006,
13.9551

293.9590,
291.7309, 333.6369

7.1675, 6.1346,
7.9510

349.2869,

3.6143, 2.9271,

347.7828, 396.6388

3.9763

411.1550,
410.5904, 467.1112

■ 1.4864, 1.0938,
1.6124

■ 0.3165, 0.0000,
0.2996

■ 78.8752, 75.7636,
89.0639

■ 78.8752, 75.7636,
89.0639

■ 71.4092, 63.2733,
79.0458

■ 87.4103, 90.2357,
99.9159

■ 64.9608, 52.6676,
69.8332

■ 92.8774, 98.8800,
108.7983

■ 59.4840, 43.8562,
61.4031

■ 54.9263, 36.7373,
53.7291

■ 51.2303, 31.1988,
46.7827

■ 48.3314, 27.1149,
40.5331

■ 46.1556, 24.3404,
34.9456

■ 44.6131, 22.6993,
29.9802

■ 43.8046, 22.0349,
26.7740

Harmonies

Analogous

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



76.7589, 75.7636, 98.5087



78.8752, 75.7636, 89.0639



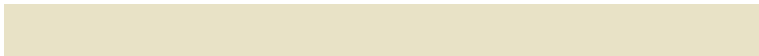
79.1156, 75.7636, 78.5704

Triad

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



78.8752, 75.7636, 89.0639



70.6278, 75.7636, 64.3098



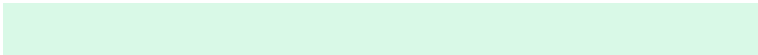
66.8736, 75.7636, 96.5314

Complementary

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



78.8752, 75.7636, 89.0639



76.9177, 88.2747, 88.5903

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.



65.3450, 75.7636, 86.5455



78.8752, 75.7636, 89.0639



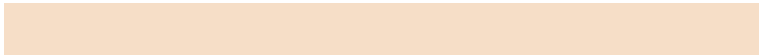
67.4631, 75.7636, 68.3159

Square

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



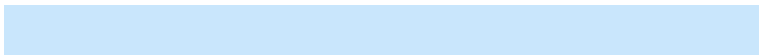
78.8752, 75.7636, 89.0639



74.2700, 75.7636, 64.8597



65.5571, 75.7636, 76.2548



69.7983, 75.7636, 103.0650

Rectangle

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



78.8752, 75.7636, 89.0639



78.1705, 75.7636, 72.4432



65.5571, 75.7636, 76.2548



66.1840, 75.7636, 93.4333

Sweetspot

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



78.8774, 75.7669, 89.0655



91.1716, 93.3797, 104.1033



74.8267, 73.4357, 99.8544



19.3628, 19.7289, 22.0928



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

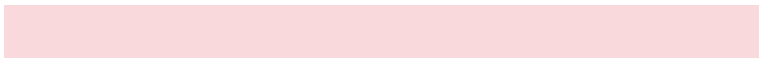
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8774, 75.7669, 89.0655



81.4598, 76.9455, 91.6505



76.6862, 74.8905, 77.5272



17.6535, 17.3888, 20.0311



23.5203, 11.8239, 14.7144



2.2317, 1.1164, 1.6433

Inverse Universe

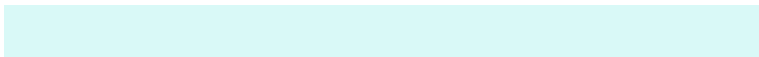
The Inverse Universe completely reimagines the original color for something new.



78.8774, 75.7669, 89.0655



81.4598, 76.9455, 91.6505



79.2613, 89.2121, 100.9314



17.6535, 17.3888, 20.0311



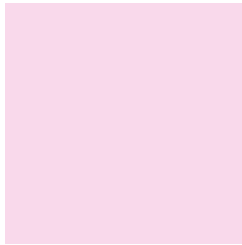
23.5203, 11.8239, 14.7144



2.2317, 1.1164, 1.6433

Previews

White Background



This preview shows how the XYZ color 78.8752, 75.7636, 89.0639 looks on a white background.

Color Contrast Check

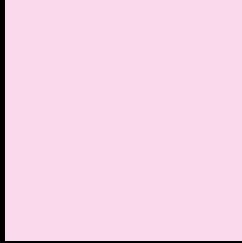
Large Text (above 18pt) WCAG AA × Fail

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 78.8752, 75.7636, 89.0639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

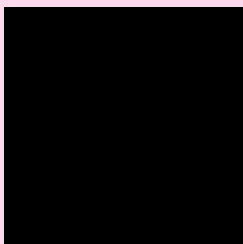
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8752, 75.7636, 89.0639

Background



This preview shows how black text looks on a background with the XYZ color 78.8752, 75.7636, 89.0639.

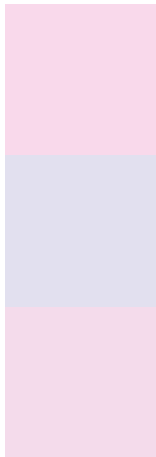


This preview shows how white text looks on a background with the XYZ color 78.8752, 75.7636,

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

78.8752, 75.7636, 89.0639

Protanopia

73.5997, 75.7121, 92.3961

Deuteranopia

77.6351, 75.8943, 89.1545



Tritanopia

78.7311, 75.7060, 88.3050

Trichromacy



Original Color

78.8752, 75.7636, 89.0639

Protanomaly

75.2208, 75.3784, 91.4738

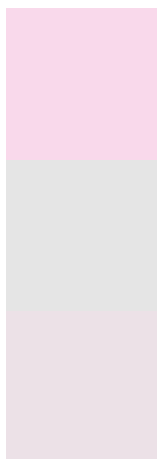
Deuteranomaly

78.0728, 75.7338, 89.1005

Tritanomaly

78.7311, 75.7060, 88.3050

Monochromacy



Original Color

78.8752, 75.7636, 89.0639

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.9411, 77.4528, 86.5487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8752, 75.7636, 89.0639 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(249, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 235)  
}
```

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(249, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 235) }
```

Border

The CSS property to change the border of an element to XYZ 78.8752, 75.7636, 89.0639 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(249, 217, 235) }
```


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

```
.border{ border-color:rgb(249, 217, 235) }
```

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

Here you see how a box with a 4 pixel rgb(249, 217, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8752, 75.7636, 89.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 235) }
```

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

```
.background{ background-color: rgb(249,  
217, 235) }
```

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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