

Converting Colors

XYZ(78.3996, 74.3473, 90.3391)

Have a look what the booklet for
XYZ(78.3996, 74.3473, 90.3391)
contains.

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Color

**XYZ(78.3996, 74.3473,
90.3391)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D6ED
RGB	249, 214, 237
RGB Percent	98%, 84%, 93%
CMY	0.0235, 0.1608, 0.0706
CMYK	0.00, 0.14, 0.05, 0.02
HSL	321°, 74%, 91%
HSV	321°, 14%, 98%
XYZ	78.3996, 74.3473, 90.3391
YIQ	227.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

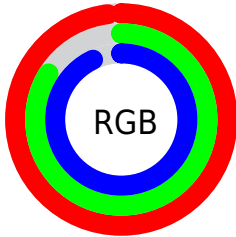
Format	Color
R _Y B	249, 214, 237
Decimal	16373485
CIE Lab	89.09, 15.96, -6.75
CIE LCh	89, 17.326, 337.075
Yxy	74.3473, 0.3225, 0.3058
Android (android.graphics.Color)	4294563565 (0xFFFF9D6ED)
YUV	227.0870, 4.8871, 19.2177
Hunter-Lab	86.2249, 11.4068, -1.7616

Details

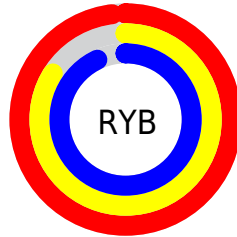
The XYZ color **78.3996, 74.3473, 90.3391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3377, 87.5406, 84.8821**, and the grayscale version is **73.0375, 76.8411, 83.6800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4769, 39.3389, 49.0705** is the 20% darker color. If you saturate the color by 10%, you get **71.3558, 62.2078, 81.9827**, and if you desaturate by 10%, it is **86.4704, 88.4435, 99.3327**.

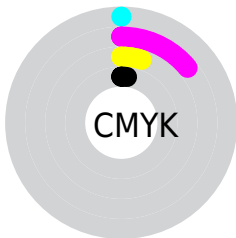
Distribution



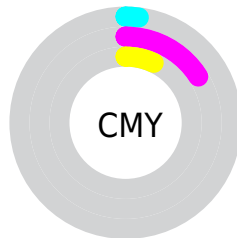
- Red (98%)
- Green (84%)
- Blue (93%)



- Red (98%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3996, 74.3473, 90.3391 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 78.3996, 74.3473, 90.3391 by changing the saturation by 10% instead.

78.3996, 74.3473,
90.3391

78.3996, 74.3473,
90.3391

478.3419,
475.6712, 549.7319

58.7062, 55.0783,
67.6866

130.0757,
125.3880, 149.7490

42.6221, 39.4644,
49.1777

162.7891,
157.9285, 187.3434

29.7820, 27.1212,
34.3939

200.5732,
195.6617, 230.7557

19.8204, 17.6643,
22.9166

243.7934,
238.9719, 280.4042

12.3721, 10.7092,
14.3272

292.8150,
288.2436, 336.7075

7.0716, 5.8717,
8.2072

348.0034,

3.5536, 2.7672,

343.8611, 400.0842

4.1382

409.7239,
406.2088, 470.9528

■ 1.4529, 1.0114,
1.7014

■ 0.2934, 0.0000,
0.3617

■ 78.3996, 74.3473,
90.3391

■ 78.3996, 74.3473,
90.3391

■ 71.3558, 62.2078,
81.9827

■ 86.4704, 88.4435,
99.3327

■ 65.2880, 51.9278,
74.2399

■ 92.7294, 98.8208,
108.0184

■ 60.1507, 43.4163,
67.0922

■ 92.8775, 98.8800,
108.7983

■ 55.8920, 36.5708,
60.5180

■ 52.4545, 31.2781,
54.4941

■ 49.7738, 27.4108,
48.9945

■ 47.7754, 24.8214,
43.9898

■ 46.3683, 23.3293,
39.4451

■ 45.7339, 22.8066,
36.9331

Harmonies

Analogous

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



75.6670, 74.3473, 100.9303



78.3996, 74.3473, 90.3391



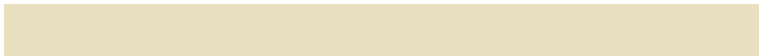
79.0215, 74.3473, 78.1249

Triad

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



78.3996, 74.3473, 90.3391



69.6709, 74.3473, 60.0227



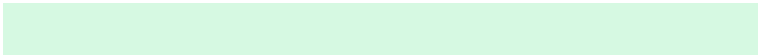
64.3905, 74.3473, 95.7747

Complementary

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



78.3996, 74.3473, 90.3391



75.3377, 87.5406, 84.8821

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.



62.9192, 74.3473, 83.8456



78.3996, 74.3473, 90.3391



65.8882, 74.3473, 63.8003

Square

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



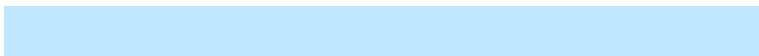
78.3996, 74.3473, 90.3391



73.8709, 74.3473, 61.3908



63.4564, 74.3473, 72.2380



67.5530, 74.3473, 104.2800

Rectangle

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



78.3996, 74.3473, 90.3391



78.1340, 74.3473, 70.8347



63.4564, 74.3473, 72.2380



63.6876, 74.3473, 91.9886

Sweetspot

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



78.4018, 74.3506, 90.3407



91.3238, 93.4406, 104.9051



72.4081, 71.0513, 99.5218



19.4014, 19.7444, 22.2959



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

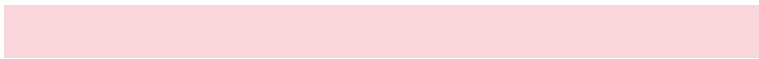
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4018, 74.3506, 90.3407



80.4443, 74.4715, 92.6779



76.0124, 73.3948, 77.7583



17.7254, 17.4175, 20.4095



24.5496, 12.2356, 20.1346



2.3235, 1.1531, 2.1268

Inverse Universe

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



78.4018, 74.3506, 90.3407



80.4443, 74.4715, 92.6779



77.8126, 88.5306, 97.9148



17.7254, 17.4175, 20.4095



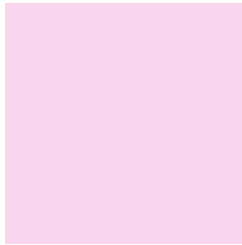
24.5496, 12.2356, 20.1346



2.3235, 1.1531, 2.1268

Previews

White Background



This preview shows how the XYZ color 78.3996, 74.3473, 90.3391 looks on a white background.

Color Contrast Check

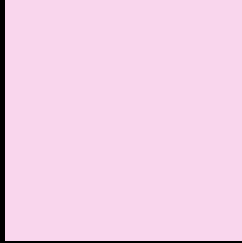
Large Text (above 18pt) WCAG AA × Fail

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 78.3996, 74.3473, 90.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

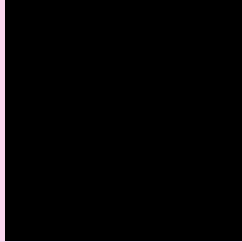
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3996, 74.3473, 90.3391

Background



This preview shows how black text looks on a background with the XYZ color 78.3996, 74.3473, 90.3391.



This preview shows how white text looks on a background with the XYZ color 78.3996, 74.3473,

90.3391.

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

78.3996, 74.3473, 90.3391

Protanopia

72.8461, 74.8741, 94.6172

Deuteranopia

75.8884, 74.2071, 89.6805



Tritanopia

77.5773, 74.3835, 86.6126

Trichromacy



Original Color

78.3996, 74.3473, 90.3391

Protanomaly

74.6001, 74.6335, 92.9119

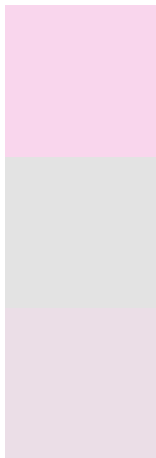
Deuteranomaly

76.6583, 74.2225, 89.6429

Tritanomaly

77.8631, 74.4978, 88.1176

Monochromacy



Original Color

78.3996, 74.3473, 90.3391

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.8060, 75.6742, 86.2652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3996, 74.3473, 90.3391 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, 214, 237) looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 237)  
}
```

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, 214, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 237) }
```

Border

The CSS property to change the border of an element to XYZ 78.3996, 74.3473, 90.3391 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, 214, 237) }
```


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

```
.border{ border-color:rgb(249, 214, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 214, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3996, 74.3473, 90.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 237) }
```

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

```
.background{ background-color: rgb(249,  
214, 237) }
```

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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