

Converting Colors

XYZ(78.9262, 76.5457, 95.3684)

Have a look what the booklet for
XYZ(78.9262, 76.5457, 95.3684)
contains.

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Color

**XYZ(78.8174, 76.3672,
95.3802)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DBF3
RGB	244, 219, 243
RGB Percent	96%, 86%, 95%
CMY	0.0431, 0.1412, 0.0471
CMYK	0.00, 0.10, 0.00, 0.04
HSL	302°, 53%, 91%
HSV	302°, 10%, 96%
XYZ	78.8174, 76.3672, 95.3802
YIQ	229.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

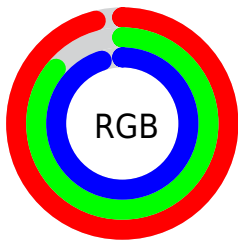
Format	Color
R_{YB}	244, 219, 243
Decimal	16047091
CIE _{Lab}	90.03, 12.72, -8.56
CIE _{LCh}	90, 15.333, 326.083
Yxy	76.3672, 0.3146, 0.3048
Android (android.graphics.Color)	4294237171 (0xFFFF4DBF3)
YUV	229.2110, 6.7980, 12.9700
Hunter-Lab	87.3883, 8.0634, -3.5404

Details

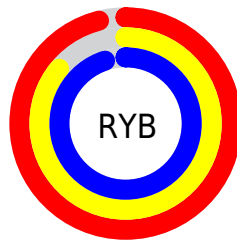
The XYZ color **78.8174, 76.3672, 95.3802** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4853, 84.9309, 80.1817**, and the grayscale version is **74.5812, 78.4652, 85.4486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9841, 40.8301, 52.6292** is the 20% darker color. If you saturate the color by 10%, you get **72.7664, 64.4993, 92.6385**, and if you desaturate by 10%, it is **85.8067, 90.1080, 98.4403**.

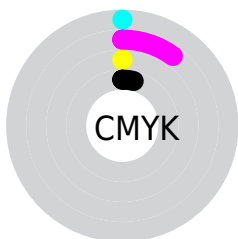
Distribution



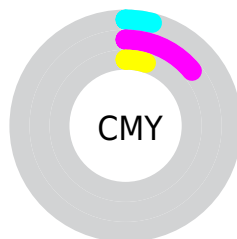
- Red (96%)
- Green (86%)
- Blue (95%)



- Red (96%)
- Yellow (86%)
- Blue (95%)



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





- Cyan (4%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8174, 76.3672, 95.3802 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 78.8174, 76.3672, 95.3802 by changing the saturation by 10% instead.


 78.8174, 76.3672,
95.3802

 78.8174, 76.3672,
95.3802

479.7358,
482.6038, 566.3968

 59.0508, 56.7337,
71.8528


130.6610,
128.2458, 156.7899

 42.9005, 40.7914,
52.5524


163.4688,
161.2597, 195.5092

 30.0013, 28.1562,
37.0603


201.3543,
199.5025, 240.1296

 19.9876, 18.4434,
24.9580

244.6830,
243.3586, 291.0697

 12.4943, 11.2688,
15.8270

293.8201,
293.2123, 348.7479

 7.1558, 6.2479,
9.2488

349.1310,

 3.6069, 2.9964,

349.4482, 413.5828

4.8048

410.9812,
412.4505, 485.9929

■ 1.4823, 1.1299,
2.0765

■ 0.3137, 0.0033,
0.6017

■ 78.8174, 76.3672,
95.3802

■ 78.8174, 76.3672,
95.3802

■ 72.7664, 64.4993,
92.6385

■ 85.8067, 90.1080,
98.4403

■ 67.6065, 54.4137,
90.1969

■ 89.5432, 97.3431,
100.4191

■ 63.2966, 46.0267,
88.0424

■ 89.6926, 97.4029,
101.2061

■ 59.7896, 39.2444,
86.1594

■ 89.8429, 97.4630,
101.9973

■ 57.0341, 33.9637,
84.5307

■ 89.9939, 97.5234,
102.7926

■ 54.9724, 30.0695,
83.1372

■ 90.1457, 97.5842,
103.5921

■ 53.5387, 27.4299,
81.9568

■ 90.2984, 97.6452,
104.3957

■ 52.6543, 25.8878,
80.9634

■ 90.4518, 97.7066,
105.2036

■ 52.1943, 25.1876,
80.1321

■ 90.6060, 97.7683,
106.0156

Harmonies

Analogous

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



75.8443, 76.3672, 103.3934



78.8174, 76.3672, 95.3802



80.1197, 76.3672, 84.5884

Triad

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



78.8174, 76.3672, 95.3802



73.0850, 76.3672, 63.9756



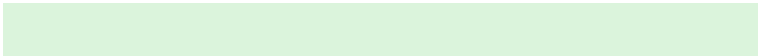
66.2191, 76.3672, 92.6930

Complementary

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



78.8174, 76.3672, 95.3802



74.4853, 84.9309, 80.1817

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.



65.5376, 76.3672, 81.7298



78.8174, 76.3672, 95.3802



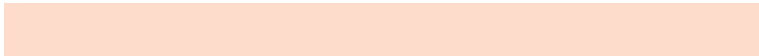
69.4199, 76.3672, 65.7396

Square

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



78.8174, 76.3672, 95.3802



76.7379, 76.3672, 66.9692



66.6896, 76.3672, 72.0143



68.5842, 76.3672, 101.7494

Rectangle

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



78.8174, 76.3672, 95.3802



79.8329, 76.3672, 77.4886



66.6896, 76.3672, 72.0143



65.7891, 76.3672, 89.0825

Sweetspot

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



78.8196, 76.3705, 95.3819



92.6086, 95.1961, 107.8433



71.1288, 72.3882, 95.8126



19.6859, 20.1081, 23.0236



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

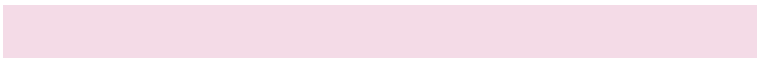
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8196, 76.3705, 95.3819



85.8568, 81.9280, 104.8661



77.0190, 75.6503, 85.9001



17.1833, 16.7562, 20.7118



28.3927, 13.7005, 43.6377



2.5042, 1.2076, 3.8815

Inverse Universe

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



78.8196, 76.3705, 95.3819



85.8568, 81.9280, 104.8661



76.1797, 85.6086, 89.1040



17.1833, 16.7562, 20.7118



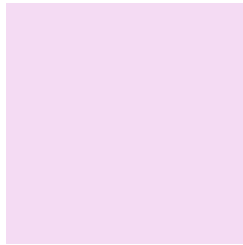
28.3927, 13.7005, 43.6377



2.5042, 1.2076, 3.8815

Previews

White Background



This preview shows how the XYZ color 78.8174, 76.3672, 95.3802 looks on a white background.

Color Contrast Check

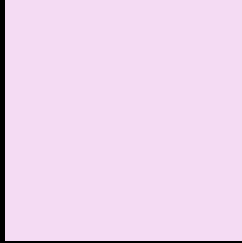
Large Text (above 18pt) WCAG AA × Fail

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 78.8174, 76.3672, 95.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

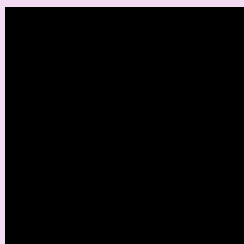
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8174, 76.3672, 95.3802

Background



This preview shows how black text looks on a background with the XYZ color 78.8174, 76.3672, 95.3802.



This preview shows how white text looks on a background with the XYZ color 78.8174, 76.3672,

95.3802.

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

78.8174, 76.3672, 95.3802

Protanopia

74.7651, 76.5734, 98.8353

Deuteranopia

78.0465, 76.3582, 95.4191



Tritanopia

77.8414, 76.3555, 90.7562

Trichromacy



Original Color

78.8174, 76.3672, 95.3802

Protanomaly

76.3009, 76.5850, 97.9497

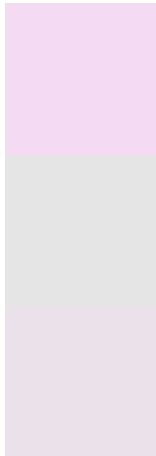
Deuteranomaly

78.3888, 76.5347, 95.4352

Tritanomaly

78.1353, 76.4731, 92.3040

Monochromacy



Original Color

78.8174, 76.3672, 95.3802

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.7082, 77.2834, 88.7688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8174, 76.3672, 95.3802 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(244, 219, 243) looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 243)  
}
```

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(244, 219, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.8174, 76.3672, 95.3802 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(244, 219, 243) }
```


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

```
.border{ border-color:rgb(244, 219, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 219, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 219, 243); box-shadow:4px 4px 4px 4px rgb(244, 219, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8174, 76.3672, 95.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 243) }
```

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

```
.background{ background-color: rgb(244,  
219, 243) }
```

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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