

Converting Colors

XYZ(76.2105, 74.1555, 87.4467)

Have a look what the booklet for
XYZ(76.2105, 74.1555, 87.4467)
contains.

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Color

**XYZ(76.2260, 74.0496,
87.3663)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D8E9
RGB	243, 216, 233
RGB Percent	95%, 85%, 91%
CMY	0.0471, 0.1529, 0.0863
CMYK	0.00, 0.11, 0.04, 0.05
HSL	322°, 53%, 90%
HSV	322°, 11%, 95%
XYZ	76.2260, 74.0496, 87.3663
YIQ	226.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

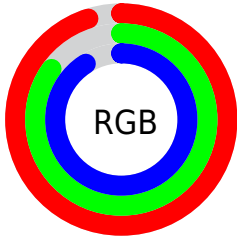
Format	Color
R _Y B	243, 216, 233
Decimal	15980777
CIE Lab	88.95, 12.19, -4.91
CIE LCh	89, 13.139, 338.072
Yxy	74.0496, 0.3208, 0.3116
Android (android.graphics.Color)	4294170857 (0xFFFF3D8E9)
YUV	226.0110, 3.4456, 14.8994
Hunter-Lab	86.0521, 7.5264, 0.0410

Details

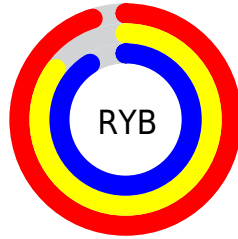
The XYZ color **76.2260, 74.0496, 87.3663** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0998, 84.1931, 84.3009**, and the grayscale version is **72.2690, 76.0326, 82.7995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1742, 39.2289, 46.9968** is the 20% darker color. If you saturate the color by 10%, you get **69.2022, 62.0068, 78.8423**, and if you desaturate by 10%, it is **84.2403, 87.9663, 96.5459**.

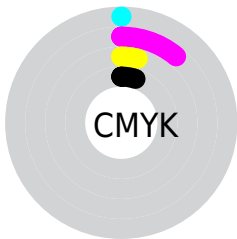
Distribution



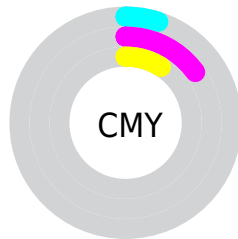
- Red (95%)
- Green (85%)
- Blue (91%)



- Red (95%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2260, 74.0496, 87.3663 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 76.2260, 74.0496, 87.3663 by changing the saturation by 10% instead.

76.2260, 74.0496,
87.3663

76.2260, 74.0496,
87.3663

471.0535,
474.6445, 539.7732

56.9155, 54.8346,
65.2370

127.0250,
124.9661, 145.5780

41.1773, 39.2693,
47.2007

159.2442,
157.4365, 182.4974

28.6459, 26.9693,
32.8389

196.4971,
195.0940, 225.1840

18.9561, 17.5502,
21.7329

239.1490,
238.3233, 274.0563

11.7424, 10.6275,
13.4644

287.5652,
287.5086, 329.5329

6.6394, 5.8170,
7.6146

342.1111,

3.2820, 2.7341,

343.0343, 392.0322

3.7651

403.1521,
405.2848, 461.9728

■ 1.3046, 0.9945,
1.4974

■ 0.1866, 0.0000,
0.2160

■ 76.2260, 74.0496,
87.3663

■ 76.2260, 74.0496,
87.3663

■ 69.2022, 62.0068,
78.8423

■ 84.2403, 87.9663,
96.5459

■ 63.1213, 51.7474,
70.9505

■ 90.1359, 97.5402,
105.3468

■ 57.9412, 43.1876,
63.6731

■ 90.7726, 97.7949,
108.6998

■ 53.6139, 36.2333,
56.9889

■ 50.0869, 30.7811,
50.8754

■ 47.3016, 26.7153,
45.3078

■ 45.1908, 23.9035,
40.2582

■ 43.6742, 22.1866,
35.6944

■ 42.7114, 21.3544,
32.0024

Harmonies

Analogous

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



74.2321, 74.0496, 95.2606



76.2260, 74.0496, 87.3663



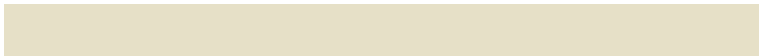
76.6306, 74.0496, 78.1861

Triad

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



76.2260, 74.0496, 87.3663



69.5242, 74.0496, 64.4571



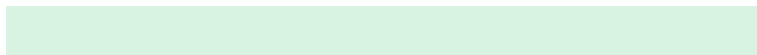
65.6633, 74.0496, 91.9510

Complementary

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



76.2260, 74.0496, 87.3663



74.0998, 84.1931, 84.3009

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.



64.4825, 74.0496, 83.1191



76.2260, 74.0496, 87.3663



66.6673, 74.0496, 67.5752

Square

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



76.2260, 74.0496, 87.3663



72.6972, 74.0496, 65.4064



64.8445, 74.0496, 74.2443



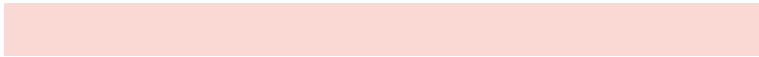
68.1163, 74.0496, 98.0437

Rectangle

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



76.2260, 74.0496, 87.3663



75.9334, 74.0496, 72.6410



64.8445, 74.0496, 74.2443



65.1079, 74.0496, 89.1787

Sweetspot

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



76.2281, 74.0528, 87.3679



92.2050, 95.0346, 105.7174



72.0691, 71.7390, 94.8437



19.5766, 20.0643, 22.4483



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

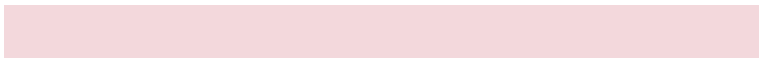
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2281, 74.0528, 87.3679



83.4569, 79.8771, 95.5920



74.3859, 73.3160, 77.6671



16.9381, 16.6581, 19.4204



23.5086, 11.7469, 17.9183



2.1157, 1.0522, 1.8357

Inverse Universe

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



76.2281, 74.0528, 87.3679



83.4569, 79.8771, 95.5920



76.0110, 84.9576, 94.3653



16.9381, 16.6581, 19.4204



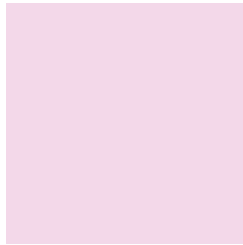
23.5086, 11.7469, 17.9183



2.1157, 1.0522, 1.8357

Previews

White Background



This preview shows how the XYZ color 76.2260, 74.0496, 87.3663 looks on a white background.

Color Contrast Check

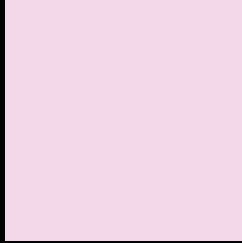
Large Text (above 18pt) WCAG AA × Fail

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 76.2260, 74.0496, 87.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

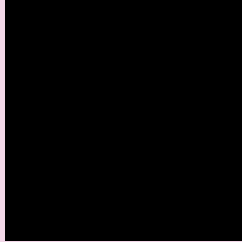
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2260, 74.0496, 87.3663

Background



This preview shows how black text looks on a background with the XYZ color 76.2260, 74.0496, 87.3663.



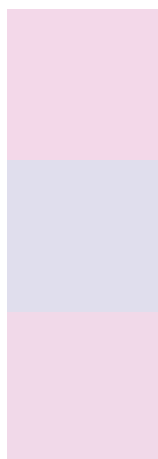
This preview shows how white text looks on a background with the XYZ color 76.2260, 74.0496,

87.3663.

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

76.2260, 74.0496, 87.3663

Protanopia

72.1478, 74.2043, 90.6410

Deuteranopia

75.7965, 74.2097, 87.4198



Tritanopia

76.2260, 74.0496, 87.3663

Trichromacy



Original Color

76.2260, 74.0496, 87.3663

Protanomaly

73.6885, 74.2315, 89.8012

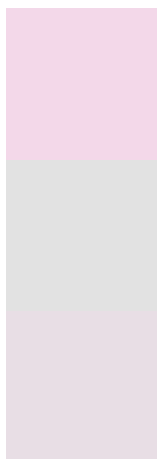
Deuteranomaly

76.1388, 74.3861, 87.4358

Tritanomaly

76.2260, 74.0496, 87.3663

Monochromacy



Original Color

76.2260, 74.0496, 87.3663

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5428, 75.0555, 84.7398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2260, 74.0496, 87.3663 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(243, 216, 233) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 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(243, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.2260, 74.0496, 87.3663 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(243, 216, 233) }
```


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

```
.border{ border-color:rgb(243, 216, 233) }
```

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

Here you see how a box with a 4 pixel rgb(243, 216, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2260, 74.0496, 87.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 233) }
```

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

```
.background{ background-color: rgb(243,  
216, 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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