

Converting Colors

XYZ(76.2651, 74.5113, 88.2044)

Have a look what the booklet for
XYZ(76.2651, 74.5113, 88.2044)
contains.

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Color

**XYZ(76.2821, 74.4435,
88.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9EA
RGB	242, 217, 234
RGB Percent	95%, 85%, 92%
CMY	0.0510, 0.1490, 0.0823
CMYK	0.00, 0.10, 0.03, 0.05
HSL	319°, 49%, 90%
HSV	319°, 10%, 95%
XYZ	76.2821, 74.4435, 88.1904
YIQ	226.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

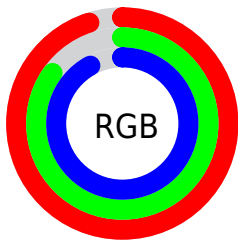
Format	Color
R_{YB}	242, 217, 234
Decimal	15915498
CIE _{Lab}	89.13, 11.50, -5.17
CIE _{LCh}	89, 12.610, 335.801
Yxy	74.4435, 0.3193, 0.3116
Android (android.graphics.Color)	4294105578 (0xFFFF2D9EA)
YUV	226.4130, 3.7404, 13.6698
Hunter-Lab	86.2806, 6.8236, -0.2059

Details

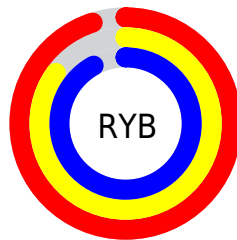
The XYZ color **76.2821, 74.4435, 88.1904** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9609, 83.6942, 83.4947**, and the grayscale version is **72.5584, 76.3371, 83.1311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2059, 39.4941, 47.5708** is the 20% darker color. If you saturate the color by 10%, you get **69.4081, 62.4366, 80.5291**, and if you desaturate by 10%, it is **84.1237, 88.3056, 96.4160**.

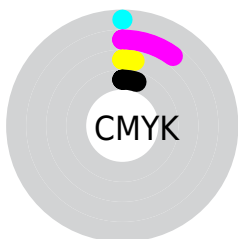
Distribution



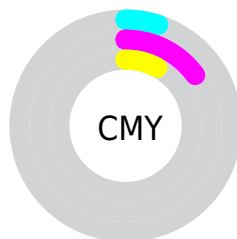
- Red (95%)
- Green (85%)
- Blue (92%)



- Red (95%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2821, 74.4435, 88.1904 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 76.2821, 74.4435, 88.1904 by changing the saturation by 10% instead.


 76.2821, 74.4435,
88.1904

 76.2821, 74.4435,
88.1904


471.2424,
476.0026, 542.5440

 56.9617, 55.1571,
65.9155


127.1038,
125.5243, 146.7357

 41.2145, 39.5275,
47.7478

159.3359,
158.0875, 183.8432

 28.6752, 27.1704,
33.2686


196.6025,
195.8451, 226.7319

 18.9783, 17.7012,
22.0595

239.2692,
239.1814, 275.8205

 11.7585, 10.7357,
13.7019

287.7011,
288.4810, 331.5275

 6.6505, 5.8894,
7.7772

342.2637,

 3.2889, 2.7779,

344.1281, 394.2714

3.8670

403.3224,
406.5072, 464.4707

■ 1.3083, 1.0169,
1.5527

■ 0.1894, 0.0000,
0.2567

■ 76.2821, 74.4435,
88.1904

■ 76.2821, 74.4435,
88.1904

■ 69.4081, 62.4366,
80.5291

■ 84.1237, 88.3056,
96.4160

■ 63.4549, 52.1956,
73.4109

■ 89.5542, 97.2678,
104.0801

■ 58.3816, 43.6384,
66.8198

■ 90.4284, 97.6175,
108.6837

■ 54.1415, 36.6726,
60.7373

■ 50.6832, 31.1967,
55.1429

■ 47.9496, 27.0976,
50.0143

■ 45.8755, 24.2457,
45.3265

■ 44.3830, 22.4865,
41.0501

■ 43.3688, 21.5777,
37.2609

Harmonies

Analogous

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



74.2682, 74.4435, 95.5657



76.2821, 74.4435, 88.1904



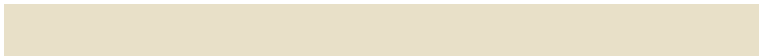
76.7972, 74.4435, 79.3585

Triad

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



76.2821, 74.4435, 88.1904



70.1610, 74.4435, 65.3639



66.0728, 74.4435, 91.3605

Complementary

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



76.2821, 74.4435, 88.1904



73.9609, 83.6942, 83.4947

Split Complementary

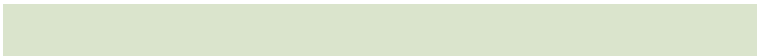
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0408, 74.4435, 82.7782



76.2821, 74.4435, 88.1904



67.3569, 74.4435, 68.0953

Square

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



76.2821, 74.4435, 88.1904



73.2053, 74.4435, 66.5843



65.5040, 74.4435, 74.3177



68.3625, 74.4435, 97.4866

Rectangle

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



76.2821, 74.4435, 88.1904



76.2088, 74.4435, 73.9140



65.5040, 74.4435, 74.3177



65.5703, 74.4435, 88.6446

Sweetspot

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



76.2842, 74.4467, 88.1920



92.2661, 95.0591, 106.0397



71.8683, 72.0344, 94.1217



19.5932, 20.0710, 22.5354



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.



76.2842, 74.4467, 88.1920



84.5162, 81.3918, 97.8071



74.5624, 73.7580, 79.1251



16.2265, 15.9403, 18.7489



23.3628, 11.6175, 20.3588



1.9887, 0.9845, 1.9312

Inverse Universe

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



76.2842, 74.4467, 88.1920



84.5162, 81.3918, 97.8071



75.7169, 84.3966, 92.7415



16.2265, 15.9403, 18.7489



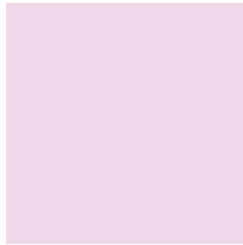
23.3628, 11.6175, 20.3588



1.9887, 0.9845, 1.9312

Previews

White Background



This preview shows how the XYZ color 76.2821, 74.4435, 88.1904 looks on a white background.

Color Contrast Check

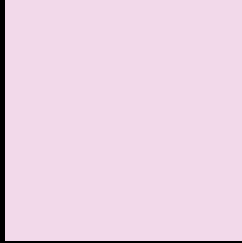
Large Text (above 18pt) WCAG AA × Fail

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 76.2821, 74.4435, 88.1904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

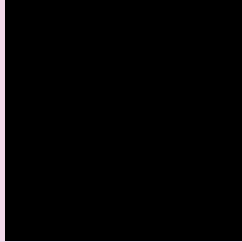
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2821, 74.4435, 88.1904

Background



This preview shows how black text looks on a background with the XYZ color 76.2821, 74.4435, 88.1904.



This preview shows how white text looks on a background with the XYZ color 76.2821, 74.4435,

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

76.2821, 74.4435, 88.1904

Protanopia

72.4142, 74.7371, 90.7298

Deuteranopia

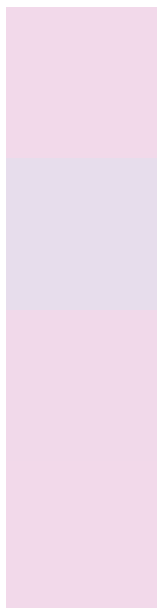
75.9398, 74.2670, 88.1744



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

76.2821, 74.4435, 88.1904

Protanomaly

73.9518, 74.7580, 89.8889

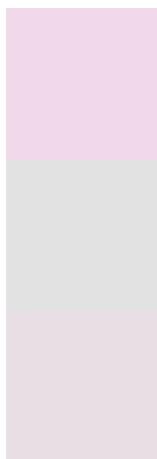
Deuteranomaly

75.9398, 74.2670, 88.1744

Tritanomaly

76.2821, 74.4435, 88.1904

Monochromacy



Original Color

76.2821, 74.4435, 88.1904

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.8092, 75.5883, 84.8286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2821, 74.4435, 88.1904 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(242, 217, 234) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 234)  
}
```

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(242, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.2821, 74.4435, 88.1904 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(242, 217, 234) }
```


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

```
.border{ border-color:rgb(242, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2821, 74.4435, 88.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 234) }
```

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

```
.background{ background-color: rgb(242,  
217, 234) }
```

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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