

Converting Colors

XYZ(80.0954, 75.0121, 88.7434)

Have a look what the booklet for
XYZ(80.0954, 75.0121, 88.7434)
contains.

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Color

**XYZ(80.0296, 74.8467,
88.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5EB
RGB	255, 213, 235
RGB Percent	100%, 84%, 92%
CMY	0.0000, 0.1647, 0.0784
CMYK	0.00, 0.16, 0.08, 0.00
HSL	329°, 100%, 92%
HSV	329°, 16%, 100%
XYZ	80.0296, 74.8467, 88.8261
YIQ	228.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

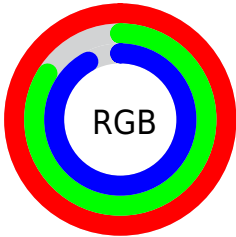
Format	Color
R _Y B	255, 213, 235
Decimal	16766443
CIE Lab	89.32, 18.17, -5.29
CIE LCh	89, 18.927, 343.772
Yxy	74.8467, 0.3284, 0.3071
Android (android.graphics.Color)	4294956523 (0xFFFFD5EB)
YUV	228.0660, 3.4185, 23.6211
Hunter-Lab	86.5140, 13.7216, -0.3148

Details

The XYZ color **80.0296, 74.8467, 88.8261** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9110, 91.5505, 90.6590**, and the grayscale version is **73.7593, 77.6005, 84.5070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6522, 39.7142, 48.0127** is the 20% darker color. If you saturate the color by 10%, you get **72.4180, 62.3358, 77.9266**, and if you desaturate by 10%, it is **88.7730, 89.4286, 100.6958**.

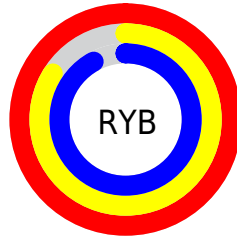
Distribution



Red (100%)

Green (84%)

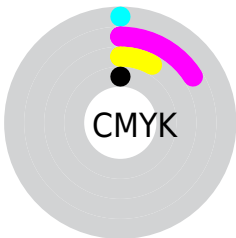
Blue (92%)



Red (100%)

Yellow (84%)

Blue (92%)

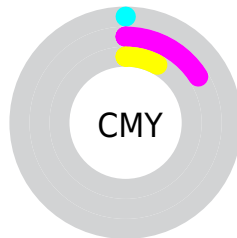


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0296, 74.8467, 88.8261 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 80.0296, 74.8467, 88.8261 by changing the saturation by 10% instead.


 80.0296, 74.8467,
88.8261

 80.0296, 74.8467,
88.8261


483.7676,
477.3905, 544.6760

 60.0513, 55.4873,
66.4392

132.3577,
126.0953, 147.6280

 43.7096, 39.7920,
48.1703


165.4381,
158.7534, 184.8800

 30.6392, 27.3764,
33.6008


203.6166,
196.6131, 227.9242

 20.4747, 17.8561,
22.3122

247.2585,
240.0588, 277.1790

 12.8509, 10.8467,
13.8860

296.7292,
289.4751, 333.0631

 7.4022, 5.9639,
7.9036

352.3941,

 3.7634, 2.8231,

345.2462, 395.9949

3.9464

414.6184,
407.7565, 466.3931

■ 1.5692, 1.0401,
1.5960

■ 0.3722, 0.0000,
0.2880

■ 80.0296, 74.8467,
88.8261

■ 80.0296, 74.8467,
88.8261

■ 72.4180, 62.3358,
77.9266

■ 88.7730, 89.4286,
100.6958

■ 65.8834, 51.7916,
67.9644

95.0500, 100.0000,
108.9000

■ 60.3746, 43.1148,
58.9114

■ 55.8334, 36.1935,
50.7356

■ 52.1961, 30.9040,
43.4030

■ 49.3901, 27.1059,
36.8759

■ 47.3312, 24.6351,
31.1124

■ 45.9144, 23.2862,
26.0630

■ 45.5126, 22.9690,
24.4292

Harmonies

Analogous

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



77.4744, 74.8467, 101.3162



80.0296, 74.8467, 88.8261



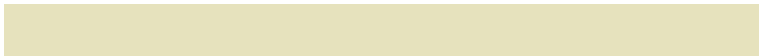
80.1364, 74.8467, 75.5779

Triad

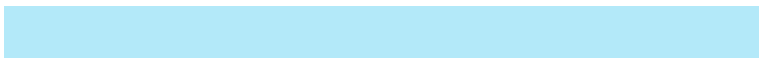
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0296, 74.8467, 88.8261



69.0422, 74.8467, 59.1659



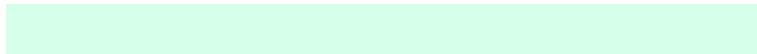
64.9059, 74.8467, 100.4262

Complementary

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



80.0296, 74.8467, 88.8261



77.9110, 91.5505, 90.6590

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.



62.8426, 74.8467, 87.7138



80.0296, 74.8467, 88.8261



65.1598, 74.8467, 64.4444

Square

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



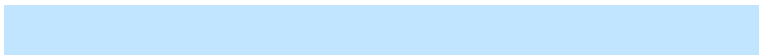
80.0296, 74.8467, 88.8261



73.6552, 74.8467, 59.3945



62.9335, 74.8467, 74.5794



68.6818, 74.8467, 108.4936

Rectangle

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



80.0296, 74.8467, 88.8261



78.7953, 74.8467, 68.1343



62.9335, 74.8467, 74.5794



63.9965, 74.8467, 96.4980

Sweetspot

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



80.0314, 74.8498, 88.8277



90.1543, 91.7483, 102.5213



75.3207, 72.0685, 104.5485



19.1545, 19.3990, 21.7562



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.



80.0314, 74.8498, 88.8277



77.2161, 70.1990, 84.8686



77.2253, 73.7274, 74.0511



18.4068, 18.1460, 20.7595



23.8574, 12.0322, 13.1652



2.3781, 1.1936, 1.5727

Inverse Universe

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



80.0314, 74.8498, 88.8277



77.2161, 70.1990, 84.8686



81.0278, 92.7972, 107.0716



18.4068, 18.1460, 20.7595



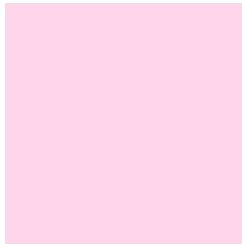
23.8574, 12.0322, 13.1652



2.3781, 1.1936, 1.5727

Previews

White Background



This preview shows how the XYZ color 80.0296, 74.8467, 88.8261 looks on a white background.

Color Contrast Check

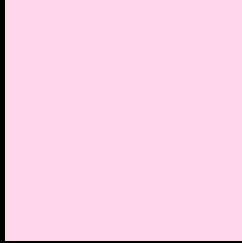
Large Text (above 18pt) WCAG AA × Fail

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 80.0296, 74.8467, 88.8261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

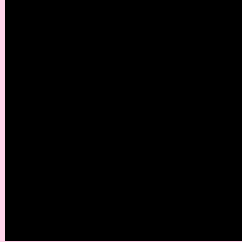
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0296, 74.8467, 88.8261

Background



This preview shows how black text looks on a background with the XYZ color 80.0296, 74.8467, 88.8261.



This preview shows how white text looks on a background with the XYZ color 80.0296, 74.8467,

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

80.0296, 74.8467, 88.8261

Protanopia

73.0053, 74.9735, 93.8426

Deuteranopia

76.5406, 74.9606, 88.2766



Tritanopia

79.2025, 74.8771, 85.1412

Trichromacy



Original Color

80.0296, 74.8467, 88.8261

Protanomaly

75.1725, 74.5572, 92.0903

Deuteranomaly

77.7649, 74.8264, 88.1862

Tritanomaly

79.4851, 74.9902, 86.6292

Monochromacy



Original Color

80.0296, 74.8467, 88.8261

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.0714, 76.7220, 86.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0296, 74.8467, 88.8261 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(255, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.0296, 74.8467, 88.8261 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(255, 213, 235) }
```


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

```
.border{ border-color:rgb(255, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0296, 74.8467, 88.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 235) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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