

Converting Colors

XYZ(83.8876, 78.4972, 89.7050)

Have a look what the booklet for
XYZ(83.8876, 78.4972, 89.7050)
contains.

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Color

**XYZ(81.0483, 76.8839,
89.1656)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EB
RGB	255, 217, 235
RGB Percent	100%, 85%, 92%
CMY	0.0000, 0.1490, 0.0784
CMYK	0.00, 0.15, 0.08, 0.00
HSL	332°, 100%, 93%
HSV	332°, 15%, 100%
XYZ	81.0483, 76.8839, 89.1656
YIQ	230.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

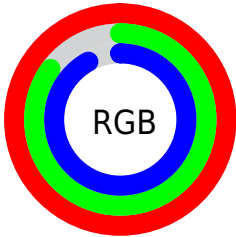
Format	Color
R _Y B	255, 217, 235
Decimal	16767467
CIE Lab	90.27, 16.09, -3.89
CIE LCh	90, 16.551, 346.391
Yxy	76.8839, 0.3280, 0.3111
Android (android.graphics.Color)	4294957547 (0xFFFFD9EB)
YUV	230.4140, 2.2609, 21.5619
Hunter-Lab	87.6835, 11.5465, 1.0862

Details

The XYZ color **81.0483, 76.8839, 89.1656** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6638, 92.3873, 93.7581**, and the grayscale version is **75.4970, 79.4287, 86.4979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3457, 41.1011, 48.2439** is the 20% darker color. If you saturate the color by 10%, you get **73.1098, 63.9941, 77.3107**, and if you desaturate by 10%, it is **90.1520, 91.8695, 102.1330**.

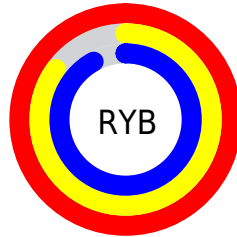
Distribution



Red (100%)

Green (85%)

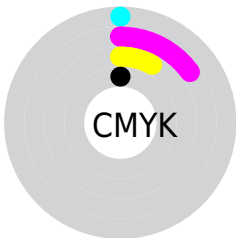
Blue (92%)



Red (100%)

Yellow (85%)

Blue (92%)

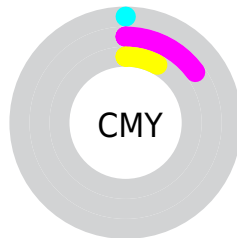


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0483, 76.8839, 89.1656 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 81.0483, 76.8839, 89.1656 by changing the saturation by 10% instead.


 81.0483, 76.8839,
89.1656

 81.0483, 76.8839,
89.1656


487.1416,
484.3681, 545.8127

 60.8928, 57.1576,
66.7190


133.7814,
128.9756, 148.1042

 44.3909, 41.1318,
48.3961


167.0897,
162.1097, 185.4333

 31.1771, 28.4221,
33.7785


205.5130,
200.4820, 228.5603

 20.8863, 18.6441,
22.4475

249.4166,
244.4767, 277.9037

 13.1529, 11.4134,
13.9846

299.1659,
294.4783, 333.8821

 7.6116, 6.3456,
7.9713

355.1263,

 3.8972, 3.0563,

350.8711, 396.9141

3.9891

417.6631,
414.0396, 467.4181

■ 1.6441, 1.1612,
1.6194

■ 0.4209, 0.0297,
0.3046

■ 81.0483, 76.8839,
89.1656

■ 81.0483, 76.8839,
89.1656

■ 73.1098, 63.9941,
77.3107

■ 90.1520, 91.8695,
102.1330

■ 66.2818, 53.0964,
66.5310

95.0500, 100.0000,
108.9000

■ 60.5125, 44.0925,
56.7940

■ 55.7440, 36.8719,
48.0633

■ 51.9123, 31.3123,
40.3000

■ 48.9455, 27.2762,
33.4618

■ 46.7605, 24.6033,
27.5015

■ 45.2555, 23.0966,
22.3653

■ 44.6776, 22.6350,
20.0320

Harmonies

Analogous

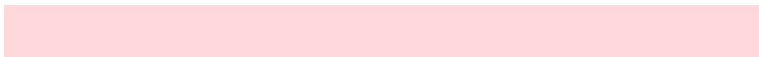
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9628, 76.8839, 100.3559



81.0483, 76.8839, 89.1656



80.9417, 76.8839, 77.4734

Triad

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



81.0483, 76.8839, 89.1656



70.8632, 76.8839, 63.7811



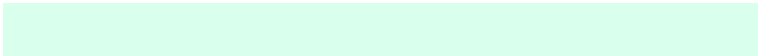
67.7473, 76.8839, 101.2375

Complementary

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



81.0483, 76.8839, 89.1656



79.6638, 92.3873, 93.7581

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.



65.7369, 76.8839, 90.2799



81.0483, 76.8839, 89.1656



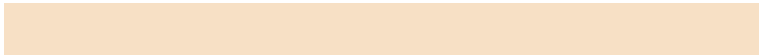
67.4890, 76.8839, 69.0209

Square

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



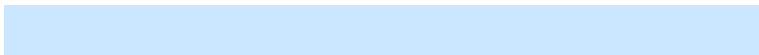
81.0483, 76.8839, 89.1656



74.9556, 76.8839, 63.5435



65.6441, 76.8839, 78.4883



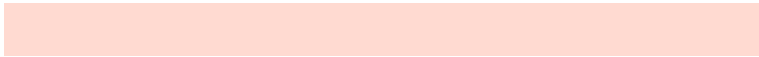
71.2278, 76.8839, 107.7551

Rectangle

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



81.0483, 76.8839, 89.1656



79.6397, 76.8839, 70.9624



65.6441, 76.8839, 78.4883



66.8830, 76.8839, 97.9072

Sweetspot

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



81.0500, 76.8870, 89.1672



91.0294, 93.3229, 103.3549



77.6681, 74.7908, 104.9503



19.3269, 19.7146, 21.9034



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.



81.0500, 76.8870, 89.1672



78.4662, 72.6705, 85.3741



78.7431, 76.2260, 76.2126



18.3676, 18.1303, 20.5528



23.4192, 11.8570, 10.8578



2.3350, 1.1764, 1.3453

Inverse Universe

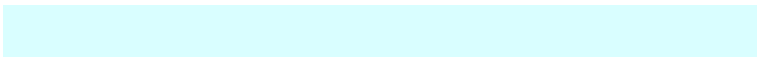
The Inverse Universe completely reimagines the original color for something new.



81.0500, 76.8870, 89.1672



78.4662, 72.6705, 85.3741



82.2254, 93.0893, 108.2420



18.3676, 18.1303, 20.5528



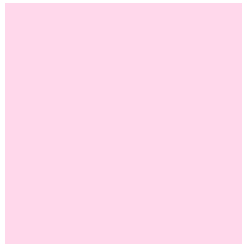
23.4192, 11.8570, 10.8578



2.3350, 1.1764, 1.3453

Previews

White Background



This preview shows how the XYZ color 81.0483, 76.8839, 89.1656 looks on a white background.

Color Contrast Check

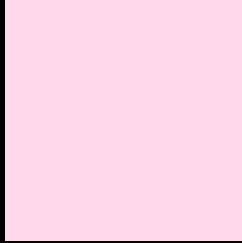
Large Text (above 18pt) WCAG AA × Fail

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 81.0483, 76.8839, 89.1656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

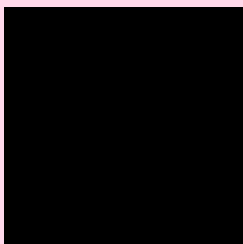
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0483, 76.8839, 89.1656

Background



This preview shows how black text looks on a background with the XYZ color 81.0483, 76.8839, 89.1656.



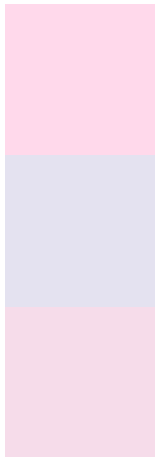
This preview shows how white text looks on a background with the XYZ color 81.0483, 76.8839,

89.1656.

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

81.0483, 76.8839, 89.1656

Protanopia

74.9194, 77.1780, 93.3862

Deuteranopia

78.4505, 76.7197, 88.5155



Tritanopia

80.9041, 76.8262, 88.4067

Trichromacy



Original Color

81.0483, 76.8839, 89.1656

Protanomaly

77.0802, 77.1255, 91.7131

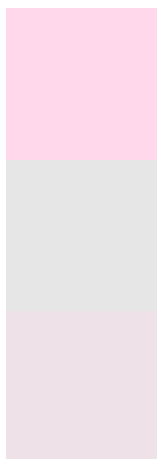
Deuteranomaly

79.2497, 76.7433, 88.4779

Tritanomaly

80.9041, 76.8262, 88.4067

Monochromacy



Original Color

81.0483, 76.8839, 89.1656

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.0873, 78.0273, 87.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0483, 76.8839, 89.1656 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, 217, 235) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.0483, 76.8839, 89.1656 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, 217, 235) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0483, 76.8839, 89.1656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 235) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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