

Converting Colors

XYZ(81.4042, 77.4426, 89.7567)

Have a look what the booklet for
XYZ(81.4042, 77.4426, 89.7567)
contains.

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Color

**XYZ(81.4517, 77.4589,
90.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAEC
RGB	255, 218, 236
RGB Percent	100%, 85%, 93%
CMY	0.0000, 0.1451, 0.0745
CMYK	0.00, 0.15, 0.07, 0.00
HSL	331°, 100%, 93%
HSV	331°, 15%, 100%
XYZ	81.4517, 77.4589, 90.0150
YIQ	231.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

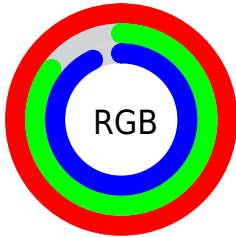
Format	Color
R _Y B	255, 218, 236
Decimal	16767724
CIE Lab	90.53, 15.73, -4.03
CIE LCh	91, 16.241, 345.629
Yxy	77.4589, 0.3272, 0.3112
Android (android.graphics.Color)	4294957804 (0xFFFFDAEC)
YUV	231.1150, 2.4083, 20.9471
Hunter-Lab	88.0107, 11.1784, 0.9673

Details

The XYZ color **81.4517, 77.4589, 90.0150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9619, 92.5410, 93.7719**, and the grayscale version is **76.0170, 79.9758, 87.0936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6241, 41.4954, 48.8375** is the 20% darker color. If you saturate the color by 10%, you get **73.5075, 64.5045, 78.3218**, and if you desaturate by 10%, it is **90.5563, 92.5100, 102.7854**.

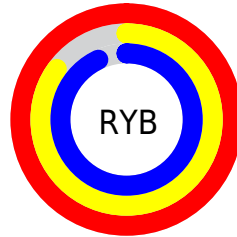
Distribution



Red (100%)

Green (85%)

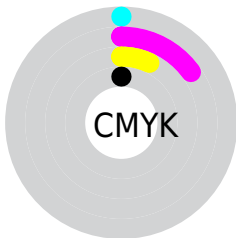
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

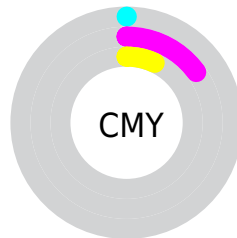


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4517, 77.4589, 90.0150 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 81.4517, 77.4589, 90.0150 by changing the saturation by 10% instead.


 81.4517, 77.4589,
90.0150

 81.4517, 77.4589,
90.0150


488.4741,
486.3272, 548.6510

 61.2263, 57.6296,
67.4193


134.3447,
129.7871, 149.2949

 44.6610, 41.5109,
48.9617


167.7429,
163.0547, 186.8162

 31.3906, 28.7185,
34.2237


206.2628,
201.5706, 230.1498

 21.0498, 18.8680,
22.7868

250.2696,
245.7191, 279.7143

 13.2731, 11.5749,
14.2323

300.1289,
295.8846, 335.9280

 7.6951, 6.4549,
8.1418

356.2058,

 3.9507, 3.1236,

352.4515, 399.2097

4.0968

418.8658,
415.8043, 469.9779

■ 1.6743, 1.1966,
1.6786

■ 0.4401, 0.0589,
0.3460

■ 81.4517, 77.4589,
90.0150

■ 81.4517, 77.4589,
90.0150

■ 73.5075, 64.5045,
78.3218

■ 90.5563, 92.5100,
102.7854

■ 66.6690, 53.5433,
67.6699

95.0500, 100.0000,
108.9000

■ 60.8850, 44.4774,
58.0280

■ 56.0979, 37.1969,
49.3612

■ 52.2443, 31.5801,
41.6322

■ 49.2530, 27.4902,
34.8002

■ 47.0417, 24.7683,
28.8201

■ 45.5099, 23.2193,
23.6399

■ 44.8808, 22.7163,
21.1024

Harmonies

Analogous

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



79.3486, 77.4589, 100.9714



81.4517, 77.4589, 90.0150



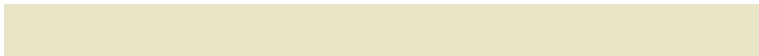
81.4042, 77.4589, 78.4549

Triad

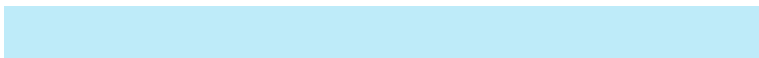
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4517, 77.4589, 90.0150



71.5379, 77.4589, 64.5775



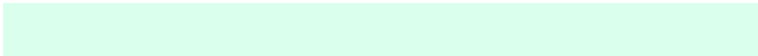
68.2937, 77.4589, 101.3635

Complementary

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



81.4517, 77.4589, 90.0150



79.9619, 92.5410, 93.7719

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.



66.3529, 77.4589, 90.5114



81.4517, 77.4589, 90.0150



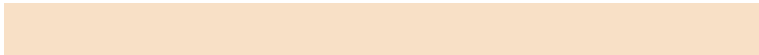
68.1784, 77.4589, 69.6424

Square

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



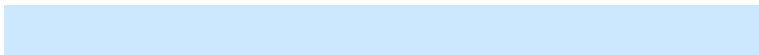
81.4517, 77.4589, 90.0150



75.5783, 77.4589, 64.4711



66.3115, 77.4589, 78.9079



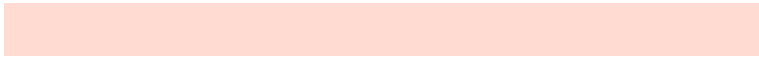
71.7005, 77.4589, 107.9205

Rectangle

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



81.4517, 77.4589, 90.0150



80.1559, 77.4589, 71.9670



66.3115, 77.4589, 78.9079



67.4538, 77.4589, 98.0546

Sweetspot

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



81.4535, 77.4621, 90.0166



91.0499, 93.3311, 103.4626



77.8822, 75.2850, 105.0344



19.3320, 19.7166, 21.9306



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

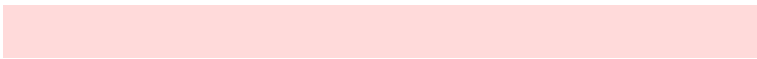
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4535, 77.4621, 90.0166



79.3666, 74.0404, 87.0024



78.9686, 76.4681, 76.9315



18.3776, 18.1343, 20.6055



23.5260, 11.8997, 11.4204



2.3456, 1.1806, 1.4013

Inverse Universe

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



81.4535, 77.4621, 90.0166



79.3666, 74.0404, 87.0024



82.7252, 93.6463, 108.3232



18.3776, 18.1343, 20.6055



23.5260, 11.8997, 11.4204



2.3456, 1.1806, 1.4013

Previews

White Background



This preview shows how the XYZ color 81.4517, 77.4589, 90.0150 looks on a white background.

Color Contrast Check

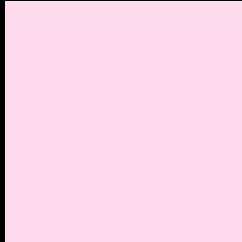
Large Text (above 18pt) WCAG AA × Fail

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 81.4517, 77.4589, 90.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

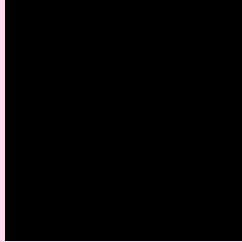
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4517, 77.4589, 90.0150

Background



This preview shows how black text looks on a background with the XYZ color 81.4517, 77.4589, 90.0150.



This preview shows how white text looks on a background with the XYZ color 81.4517, 77.4589,

90.0150.

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

81.4517, 77.4589, 90.0150

Protanopia

75.3412, 77.7830, 94.2618

Deuteranopia

79.2096, 77.4852, 89.3786



Tritanopia

81.3068, 77.4010, 89.2518

Trichromacy



Original Color

81.4517, 77.4589, 90.0150

Protanomaly

77.4955, 77.7204, 92.5784

Deuteranomaly

80.0129, 77.5086, 89.3408

Tritanomaly

81.3068, 77.4010, 89.2518

Monochromacy



Original Color

81.4517, 77.4589, 90.0150

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8395, 78.8012, 88.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4517, 77.4589, 90.0150 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, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 236)  
}
```

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, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.4517, 77.4589, 90.0150 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, 218, 236) }
```


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

```
.border{ border-color:rgb(255, 218, 236) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4517, 77.4589, 90.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 236) }
```

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

```
.background{ background-color: rgb(255,  
218, 236) }
```

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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