

Converting Colors

XYZ(80.9521, 76.5447, 89.5868)

Have a look what the booklet for
XYZ(80.9521, 76.5447, 89.5868)
contains.

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Color

**XYZ(80.9362, 76.4279,
89.8431)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8EC
RGB	255, 216, 236
RGB Percent	100%, 85%, 93%
CMY	0.0000, 0.1529, 0.0745
CMYK	0.00, 0.15, 0.07, 0.00
HSL	329°, 100%, 92%
HSV	329°, 15%, 100%
XYZ	80.9362, 76.4279, 89.8431
YIQ	229.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

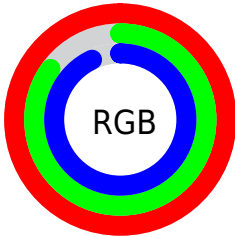
Format	Color
R _Y B	255, 216, 236
Decimal	16767212
CIE Lab	90.06, 16.77, -4.73
CIE LCh	90, 17.429, 344.253
Yxy	76.4279, 0.3274, 0.3092
Android (android.graphics.Color)	4294957292 (0xFFFFD8EC)
YUV	229.9410, 2.9871, 21.9767
Hunter-Lab	87.4231, 12.2648, 0.2649

Details

The XYZ color **80.9362, 76.4279, 89.8431** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0768, 92.1183, 92.2136**, and the grayscale version is **75.1417, 79.0549, 86.0908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2718, 40.7908, 48.7201** is the 20% darker color. If you saturate the color by 10%, you get **73.1605, 63.6654, 78.6535**, and if you desaturate by 10%, it is **89.8547, 91.2744, 102.0353**.

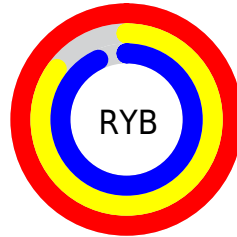
Distribution



Red (100%)

Green (85%)

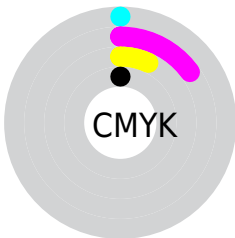
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

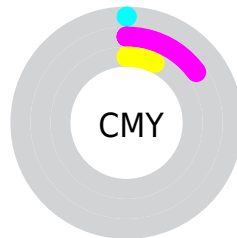


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9362, 76.4279, 89.8431 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 80.9362, 76.4279, 89.8431 by changing the saturation by 10% instead.


 80.9362, 76.4279,
89.8431

 80.9362, 76.4279,
89.8431


486.7709,
482.8112, 548.0773

 60.8002, 56.7835,
67.2775


133.6248,
128.3316, 149.0540

 44.3158, 40.8314,
48.8472


166.9081,
161.3596, 186.5365

 31.1179, 28.1874,
34.1335


205.3045,
199.6176, 229.8284

 20.8409, 18.4670,
22.7180

249.1794,
243.4900, 279.3481

 13.1195, 11.2858,
14.1821

298.8981,
293.3612, 335.5144

 7.5885, 6.2594,
8.1072

354.8261,

 3.8823, 3.0034,

349.6155, 398.7456

4.0749

417.3285,
412.6374, 469.4604

■ 1.6358, 1.1335,
1.6665

■ 0.4156, 0.0064,
0.3376

■ 80.9362, 76.4279,
89.8431

■ 80.9362, 76.4279,
89.8431

■ 73.1605, 63.6654,
78.6535

■ 89.8547, 91.2744,
102.0353

■ 66.4733, 52.8833,
68.4327

95.0500, 100.0000,
108.9000

■ 60.8234, 43.9831,
59.1519

■ 56.1534, 36.8541,
50.7785

■ 52.3998, 31.3742,
43.2776

■ 49.4912, 27.4050,
36.6110

■ 47.3448, 24.7858,
30.7362

■ 45.8589, 23.3180,
25.6038

■ 45.3204, 22.8922,
23.4172

Harmonies

Analogous

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



78.5960, 76.4279, 101.4505



80.9362, 76.4279, 89.8431



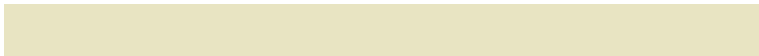
80.9965, 76.4279, 77.4948

Triad

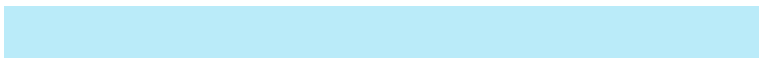
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9362, 76.4279, 89.8431



70.6159, 76.4279, 62.2193



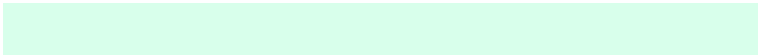
66.8524, 76.4279, 100.9509

Complementary

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



80.9362, 76.4279, 89.8431



79.0768, 92.1183, 92.2136

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.



64.8835, 76.4279, 89.2141



80.9362, 76.4279, 89.8431



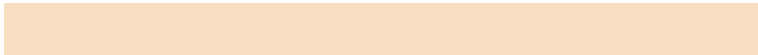
66.9973, 76.4279, 67.3105

Square

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



80.9362, 76.4279, 89.8431



74.9207, 76.4279, 62.3516



64.9355, 76.4279, 76.9250



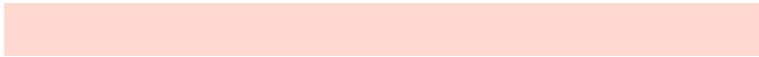
70.4109, 76.4279, 108.2843

Rectangle

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



80.9362, 76.4279, 89.8431



79.7286, 76.4279, 70.5295



64.9355, 76.4279, 76.9250



65.9891, 76.4279, 97.3415

Sweetspot

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



80.9379, 76.4310, 89.8447



90.1324, 91.7395, 102.4062



76.8199, 73.9720, 104.8369



19.1492, 19.3969, 21.7282



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.



80.9379, 76.4310, 89.8447



78.7211, 72.7725, 86.7163



78.2771, 75.3667, 75.8328



18.3982, 18.1426, 20.7141



23.7567, 11.9920, 12.6350



2.3683, 1.1897, 1.5210

Inverse Universe

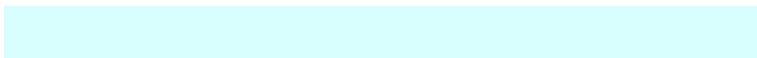
The Inverse Universe completely reimagines the original color for something new.



80.9379, 76.4310, 89.8447



78.7211, 72.7725, 86.7163



82.0262, 93.2981, 107.7452



18.3982, 18.1426, 20.7141



23.7567, 11.9920, 12.6350



2.3683, 1.1897, 1.5210

Previews

White Background



This preview shows how the XYZ color 80.9362, 76.4279, 89.8431 looks on a white background.

Color Contrast Check

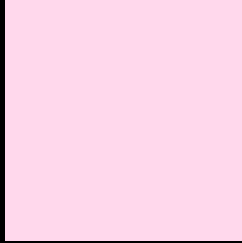
Large Text (above 18pt) WCAG AA × Fail

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 80.9362, 76.4279, 89.8431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

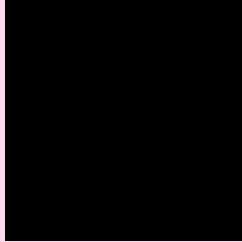
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9362, 76.4279, 89.8431

Background



This preview shows how black text looks on a background with the XYZ color 80.9362, 76.4279, 89.8431.



This preview shows how white text looks on a background with the XYZ color 80.9362, 76.4279,

89.8431.

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

80.9362, 76.4279, 89.8431

Protanopia

74.3163, 76.4300, 94.8400

Deuteranopia

78.2448, 76.5970, 89.2580



Tritanopia

80.5038, 76.2549, 87.5665

Trichromacy



Original Color

80.9362, 76.4279, 89.8431

Protanomaly

76.7745, 76.5383, 93.1650

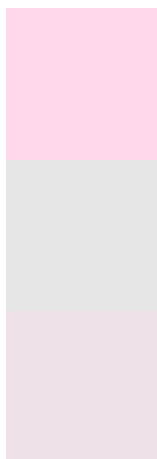
Deuteranomaly

79.3938, 76.8009, 89.2368

Tritanomaly

80.6471, 76.3122, 88.3211

Monochromacy



Original Color

80.9362, 76.4279, 89.8431

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 80.9362, 76.4279, 89.8431 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, 216, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 236) }
```

Border

The CSS property to change the border of an element to XYZ 80.9362, 76.4279, 89.8431 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, 216, 236) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9362, 76.4279, 89.8431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 236) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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