

Converting Colors

XYZ(80.4141, 76.2711, 86.9336)

Have a look what the booklet for
XYZ(80.4141, 76.2711, 86.9336)
contains.

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Color

**XYZ(80.3614, 76.1979,
86.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E8
RGB	255, 216, 232
RGB Percent	100%, 85%, 91%
CMY	0.0000, 0.1529, 0.0902
CMYK	0.00, 0.15, 0.09, 0.00
HSL	335°, 100%, 92%
HSV	335°, 15%, 100%
XYZ	80.3614, 76.1979, 86.8161
YIQ	229.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

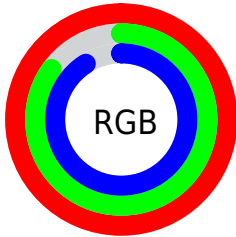
Format	Color
R_{YB}	255, 216, 232
Decimal	16767208
CIE _{Lab}	89.95, 16.11, -2.78
CIE _{LCh}	90, 16.348, 350.200
Yxy	76.1979, 0.3302, 0.3131
Android (android.graphics.Color)	4294957288 (0xFFFFD8E8)
YUV	229.4850, 1.2399, 22.3767
Hunter-Lab	87.2914, 11.5690, 2.1368

Details

The XYZ color **80.3614, 76.1979, 86.8161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6613, 92.3521, 95.2919**, and the grayscale version is **74.8167, 78.7130, 85.7185**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8700, 40.6301, 46.6045** is the 20% darker color. If you saturate the color by 10%, you get **72.2826, 63.3142, 74.0307**, and if you desaturate by 10%, it is **89.6401, 91.1884, 100.9056**.

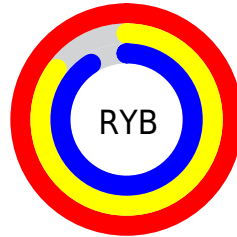
Distribution



Red (100%)

Green (85%)

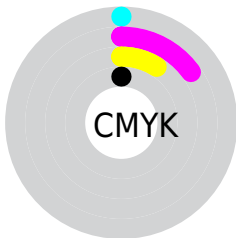
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

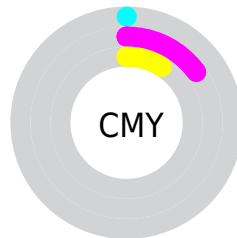


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3614, 76.1979, 86.8161 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 80.3614, 76.1979, 86.8161 by changing the saturation by 10% instead.


 80.3614, 76.1979,
86.8161

 80.3614, 76.1979,
86.8161


484.8679,
482.0249, 537.9189

 60.3253, 56.5948,
64.7843


132.8216,
128.0066, 144.8044

 43.9313, 40.6800,
46.8359


165.9764,
160.9810, 181.5979

 30.8142, 28.0691,
32.5526


204.2347,
199.1813, 224.1491

 20.6085, 18.3778,
21.5156

247.9620,
242.9919, 272.8765

 12.9490, 11.2216,
13.3065

297.5237,
292.7971, 328.1987

 7.4702, 6.2161,
7.5067

353.2850,

 3.8068, 2.9769,

348.9814, 390.5341

3.6978

415.6113,
411.9292, 460.3013

■ 1.5934, 1.1197,
1.4610

■ 0.3881, 0.0000,
0.1887

■ 80.3614, 76.1979,
86.8161

■ 80.3614, 76.1979,
86.8161

■ 72.2826, 63.3142,
74.0307

■ 89.6401, 91.1884,
100.9056

■ 65.3476, 52.4330,
62.5050

95.0500, 100.0000,
108.9000

■ 59.5031, 43.4549,
52.1991

■ 54.6892, 36.2685,
43.0685

■ 50.8404, 30.7504,
35.0658

■ 47.8825, 26.7615,
28.1397

■ 45.7302, 24.1399,
22.2334

■ 44.2786, 22.6859,
17.2820

■ 43.7694, 22.2718,
15.2497

Harmonies

Analogous

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



78.5650, 76.1979, 98.0571



80.3614, 76.1979, 86.8161



79.9710, 76.1979, 75.5107

Triad

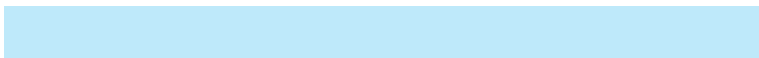
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3614, 76.1979, 86.8161



69.7714, 76.1979, 63.7687



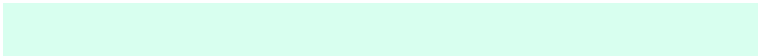
67.5585, 76.1979, 101.2830

Complementary

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



80.3614, 76.1979, 86.8161



79.6613, 92.3521, 95.2919

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.



65.3671, 76.1979, 90.8978



80.3614, 76.1979, 86.8161



66.6113, 76.1979, 69.5096

Square

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



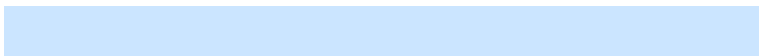
80.3614, 76.1979, 86.8161



73.7558, 76.1979, 62.8960



65.0269, 76.1979, 79.2325



71.1080, 76.1979, 106.9084

Rectangle

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



80.3614, 76.1979, 86.8161



78.5282, 76.1979, 69.4040



65.0269, 76.1979, 79.2325



66.6442, 76.1979, 98.1900

Sweetspot

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



80.3631, 76.2010, 86.8177



89.9293, 91.6583, 101.3367



78.1204, 74.6424, 104.8978



19.0999, 19.3772, 21.4685



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

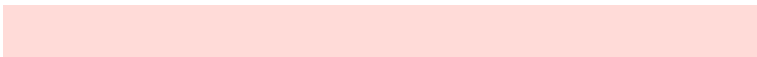
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3631, 76.2010, 86.8177



78.0587, 72.5075, 83.2279



79.0336, 77.0146, 75.6695



18.3183, 18.1106, 20.2932



22.9402, 11.6654, 8.3355



2.2863, 1.1569, 1.0889

Inverse Universe

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



80.3631, 76.2010, 86.8177



78.0587, 72.5075, 83.2279



81.1027, 91.2840, 107.9527



18.3183, 18.1106, 20.2932



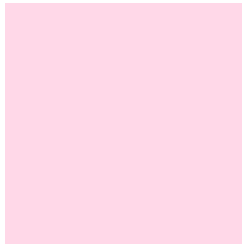
22.9402, 11.6654, 8.3355



2.2863, 1.1569, 1.0889

Previews

White Background



This preview shows how the XYZ color 80.3614, 76.1979, 86.8161 looks on a white background.

Color Contrast Check

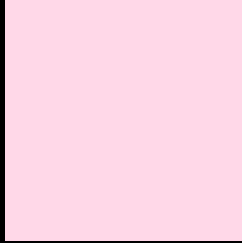
Large Text (above 18pt) WCAG AA × Fail

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 80.3614, 76.1979, 86.8161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

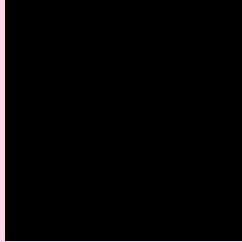
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3614, 76.1979, 86.8161

Background



This preview shows how black text looks on a background with the XYZ color 80.3614, 76.1979, 86.8161.



This preview shows how white text looks on a background with the XYZ color 80.3614, 76.1979,

86.8161.

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

80.3614, 76.1979, 86.8161

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

77.7614, 76.0254, 86.1772



Tritanopia

80.5038, 76.2549, 87.5665

Trichromacy



Original Color

80.3614, 76.1979, 86.8161

Protanomaly

76.0417, 76.2452, 89.3062

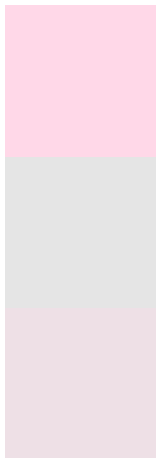
Deuteranomaly

78.5621, 76.0521, 86.1402

Tritanomaly

80.5038, 76.2549, 87.5665

Monochromacy



Original Color

80.3614, 76.1979, 86.8161

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.1985, 77.2016, 85.7482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3614, 76.1979, 86.8161 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 232) }
```

Border

The CSS property to change the border of an element to XYZ 80.3614, 76.1979, 86.8161 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, 232) }
```


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

```
.border{ border-color:rgb(255, 216, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3614, 76.1979, 86.8161 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
216, 232) }
```

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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