

Converting Colors

XYZ(80.6593, 78.3949, 81.9796)

Have a look what the booklet for
XYZ(80.6593, 78.3949, 81.9796)
contains.

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Color

**XYZ(80.6871, 78.4091,
82.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE1
RGB	255, 221, 225
RGB Percent	100%, 87%, 88%
CMY	0.0000, 0.1333, 0.1176
CMYK	0.00, 0.13, 0.12, 0.00
HSL	353°, 100%, 93%
HSV	353°, 13%, 100%
XYZ	80.6871, 78.4091, 82.1160
YIQ	231.6220, 18.9800, 8.4520

Conversions

Conversions Part 2

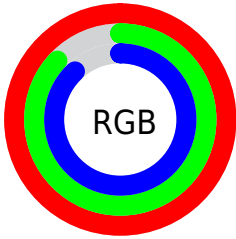
Format	Color
R _Y B	255, 221, 225
Decimal	16768481
CIE Lab	90.97, 12.37, 2.38
CIE LCh	91, 12.598, 10.874
Yxy	78.4091, 0.3345, 0.3251
Android (android.graphics.Color)	4294958561 (0xFFFFDDE1)
YUV	231.6220, -3.2646, 20.5025
Hunter-Lab	88.5489, 7.6913, 7.0015

Details

The XYZ color **80.6871, 78.4091, 82.1160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9939, 93.8584, 105.0126**, and the grayscale version is **76.4345, 80.4150, 87.5719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1806, 42.1805, 43.8433** is the 20% darker color. If you saturate the color by 10%, you get **71.5885, 64.8053, 64.9229**, and if you desaturate by 10%, it is **91.2163, 94.2263, 101.7841**.

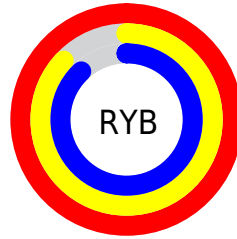
Distribution



Red (100%)

Green (87%)

Blue (88%)



Red (100%)

Yellow (87%)

Blue (88%)

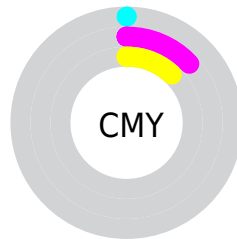


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6871, 78.4091, 82.1160 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 80.6871, 78.4091, 82.1160 by changing the saturation by 10% instead.


 80.6871, 78.4091,
82.1160

 80.6871, 78.4091,
82.1160


485.9467,
489.5551, 521.9293

 60.5943, 58.4101,
60.9248


133.2768,
131.1267, 138.1748

 44.1492, 42.1384,
43.7343


166.5044,
164.6140, 173.8795

 30.9862, 29.2097,
30.1260


204.8411,
203.3663, 215.2590

 20.7401, 19.2395,
19.6814

248.6521,
247.7679, 262.7320

 13.0455, 11.8435,
11.9819

298.3028,
298.2031, 316.7170

 7.5371, 6.6372,
6.6090

354.1585,

 3.8495, 3.2363,

355.0565, 377.6325

3.1441

416.5848,
418.7123, 445.8971

■ 1.6174, 1.2563,
1.1687

■ 0.4037, 0.1070,
0.0000

■ 80.6871, 78.4091,
82.1160

■ 80.6871, 78.4091,
82.1160

■ 71.5885, 64.8053,
64.9229

■ 91.2163, 94.2263,
101.7841

■ 63.8537, 53.3068,
50.1018

95.0500, 100.0000,
108.9000

■ 57.4181, 43.8113,
37.5498

■ 52.2101, 36.2041,
27.1546

■ 48.1508, 30.3586,
18.7941

■ 45.1523, 26.1329,
12.3339

■ 43.1137, 23.3631,
7.6236

■ 41.9138, 21.8504,
4.4890

■ 41.4740, 21.3536,
3.1622

Harmonies

Analogous

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



80.4475, 78.4091, 91.2357



80.6871, 78.4091, 82.1160



79.2408, 78.4091, 74.4294

Triad

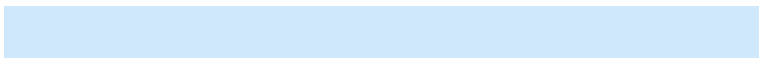
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6871, 78.4091, 82.1160



70.5989, 78.4091, 72.8166



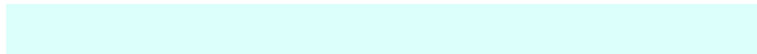
72.5418, 78.4091, 102.9936

Complementary

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



80.6871, 78.4091, 82.1160



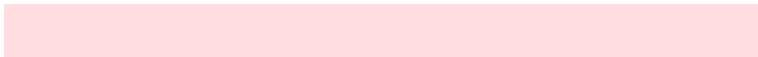
82.9939, 93.8584, 105.0126

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.



70.0011, 78.4091, 97.3425



80.6871, 78.4091, 82.1160



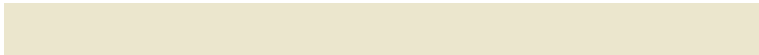
68.9015, 78.4091, 79.7692

Square

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



80.6871, 78.4091, 82.1160



73.3790, 78.4091, 69.3197



68.6858, 78.4091, 88.7174



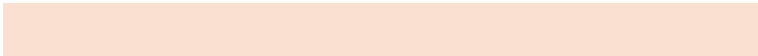
75.6839, 78.4091, 103.7337

Rectangle

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



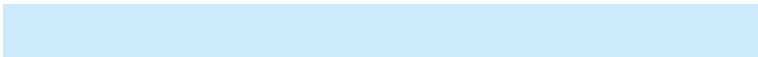
80.6871, 78.4091, 82.1160



77.5386, 78.4091, 70.9849



68.6858, 78.4091, 88.7174



71.5915, 78.4091, 101.5874

Sweetspot

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



80.6888, 78.4124, 82.1176



90.4663, 93.0976, 100.3895



83.5001, 79.3465, 105.5222



19.1847, 19.6577, 21.1547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

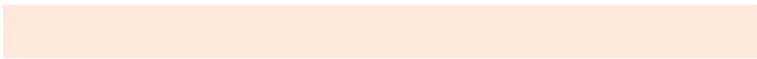
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6888, 78.4124, 82.1176



78.1228, 74.5687, 77.2905



83.5642, 85.0253, 80.4180



18.0962, 18.0218, 19.1237



21.6983, 11.1686, 1.7957



2.1392, 1.0980, 0.3144

Inverse Universe

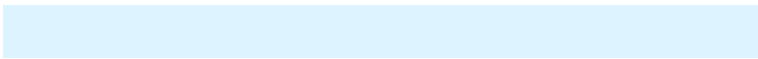
The Inverse Universe completely reimagines the original color for something new.



80.6888, 78.4124, 82.1176



78.1228, 74.5687, 77.2905



79.7823, 86.4166, 107.0828



18.0962, 18.0218, 19.1237



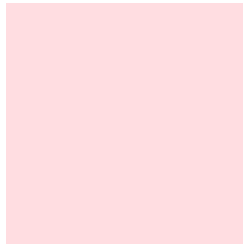
21.6983, 11.1686, 1.7957



2.1392, 1.0980, 0.3144

Previews

White Background



This preview shows how the XYZ color 80.6871, 78.4091, 82.1160 looks on a white background.

Color Contrast Check

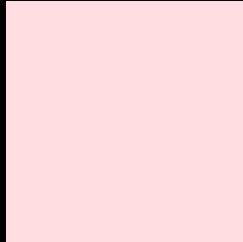
Large Text (above 18pt) WCAG AA × Fail

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 80.6871, 78.4091, 82.1160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

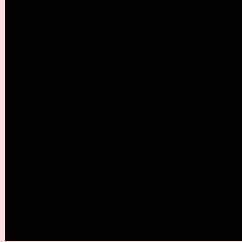
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6871, 78.4091, 82.1160

Background



This preview shows how black text looks on a background with the XYZ color 80.6871, 78.4091, 82.1160.



This preview shows how white text looks on a background with the XYZ color 80.6871, 78.4091,

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

80.6871, 78.4091, 82.1160

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

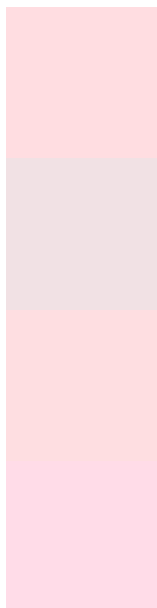
80.2199, 78.5614, 82.1700



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

80.6871, 78.4091, 82.1160

Protanomaly

77.2044, 78.1526, 84.4146

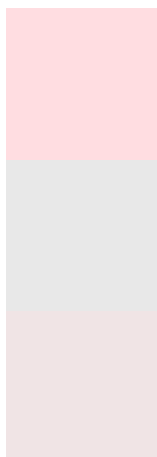
Deuteranomaly

80.5849, 78.7496, 82.1871

Tritanomaly

81.3987, 78.2726, 87.1619

Monochromacy



Original Color

80.6871, 78.4091, 82.1160

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.8214, 79.6692, 85.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6871, 78.4091, 82.1160 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, 221, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 225)  
}
```

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, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 225) }
```

Border

The CSS property to change the border of an element to XYZ 80.6871, 78.4091, 82.1160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

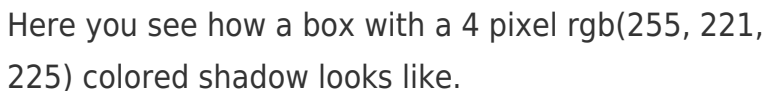
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 221, 225) }
```


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

```
.border{ border-color:rgb(255, 221, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 225); box-shadow:4px 4px 4px 4px rgb(255, 221, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6871, 78.4091, 82.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 225) }
```

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

```
.background{ background-color: rgb(255,  
221, 225) }
```

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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