

Converting Colors

XYZ(80.5533, 78.6209, 84.6699)

Have a look what the booklet for
XYZ(80.5533, 78.6209, 84.6699)
contains.

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Color

**XYZ(80.6329, 78.7266,
84.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDEE4
RGB	253, 222, 228
RGB Percent	99%, 87%, 89%
CMY	0.0078, 0.1294, 0.1059
CMYK	0.00, 0.12, 0.10, 0.01
HSL	348°, 89%, 93%
HSV	348°, 12%, 99%
XYZ	80.6329, 78.7266, 84.3447
YIQ	231.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

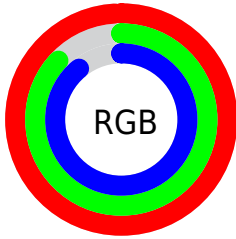
Format	Color
R _Y B	253, 222, 228
Decimal	16637668
CIE Lab	91.11, 11.64, 0.99
CIE LCh	91, 11.686, 4.874
Yxy	78.7266, 0.3309, 0.3230
Android (android.graphics.Color)	4294827748 (0xFFFDDEE4)
YUV	231.9530, -1.9488, 18.4582
Hunter-Lab	88.7280, 6.9405, 5.7486

Details

The XYZ color **80.6329, 78.7266, 84.3447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0411, 92.4976, 101.5301**, and the grayscale version is **76.6739, 80.6669, 87.8463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1265, 42.3903, 45.3916** is the 20% darker color. If you saturate the color by 10%, you get **71.7434, 65.2161, 68.2205**, and if you desaturate by 10%, it is **90.8695, 94.3944, 102.5695**.

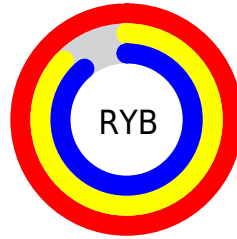
Distribution



Red (99%)

Green (87%)

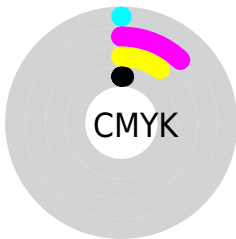
Blue (89%)



Red (99%)

Yellow (87%)

Blue (89%)

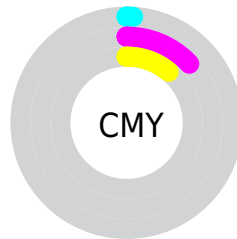


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6329, 78.7266, 84.3447 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 80.6329, 78.7266, 84.3447 by changing the saturation by 10% instead.


 80.6329, 78.7266,
84.3447

 80.6329, 78.7266,
84.3447


485.7673,
490.6310, 529.5451

 60.5496, 58.6710,
62.7530

133.2010,
131.5739, 141.3233

 44.1129, 42.3484,
45.2017


166.4166,
165.1344, 177.5473

 30.9576, 29.3742,
31.2722


204.7402,
203.9654, 219.4858

 20.7182, 19.3641,
20.5460

248.5373,
248.4513, 267.5574

 13.0295, 11.9336,
12.6046

298.1732,
298.9763, 322.1806

 7.5260, 6.6985,
7.0293

354.0132,

 3.8424, 3.2743,

355.9250, 383.7739

3.4017

416.4228,
419.6818, 452.7559

■ 1.6134, 1.2765,
1.3032

■ 0.4011, 0.1229,
0.0644

■ 80.6329, 78.7266,
84.3447

■ 80.6329, 78.7266,
84.3447

■ 71.7434, 65.2161,
68.2205

■ 90.8695, 94.3944,
102.5695

■ 64.1380, 53.7581,
54.1159

■ 94.3185, 99.6229,
108.8658

■ 57.7586, 44.2552,
41.9520

■ 52.5399, 36.5974,
31.6429

■ 48.4103, 30.6642,
23.0960

■ 45.2904, 26.3205,
16.2105

■ 43.0892, 23.4108,
10.8750

■ 41.6987, 21.7482,
6.9635

■ 41.0616, 21.1041,
4.8084

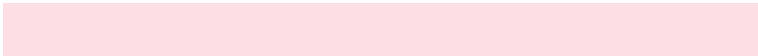
Harmonies

Analogous

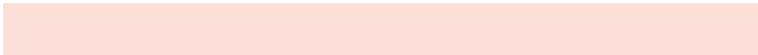
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0906, 78.7266, 92.8171



80.6329, 78.7266, 84.3447



79.5865, 78.7266, 76.7479

Triad

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



80.6329, 78.7266, 84.3447



71.6252, 78.7266, 73.0502



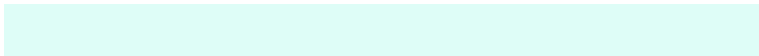
72.4404, 78.7266, 101.3136

Complementary

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



80.6329, 78.7266, 84.3447



82.0411, 92.4976, 101.5301

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.



70.2617, 78.7266, 95.3652



80.6329, 78.7266, 84.3447



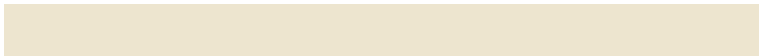
69.7998, 78.7266, 78.9940

Square

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



80.6329, 78.7266, 84.3447



74.3455, 78.7266, 70.5063



69.3072, 78.7266, 87.1099



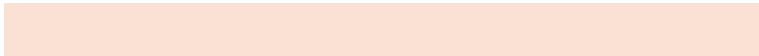
75.3111, 78.7266, 102.9782

Rectangle

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



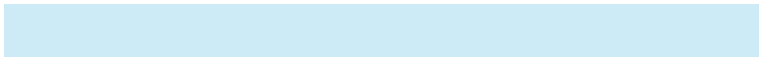
80.6329, 78.7266, 84.3447



78.1445, 78.7266, 73.0871



69.3072, 78.7266, 87.1099



71.6052, 78.7266, 99.7304

Sweetspot

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



80.6351, 78.7301, 84.3464



90.5854, 93.1453, 101.0166



82.1407, 79.0758, 103.8634



19.2147, 19.6697, 21.3128



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

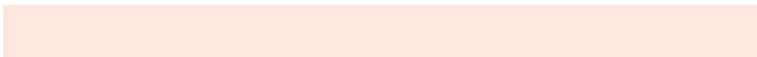
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6351, 78.7301, 84.3464



79.4632, 76.1468, 81.1366



82.3553, 83.4796, 80.8840



18.1529, 18.0445, 19.4226



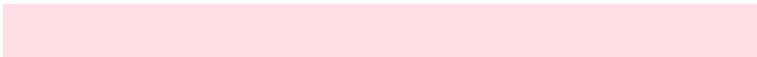
21.8826, 11.2423, 2.7665



2.1665, 1.1090, 0.4584

Inverse Universe

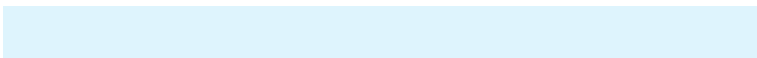
The Inverse Universe completely reimagines the original color for something new.



80.6351, 78.7301, 84.3464



79.4632, 76.1468, 81.1366



80.1171, 87.1450, 105.5276



18.1529, 18.0445, 19.4226



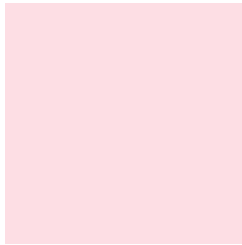
21.8826, 11.2423, 2.7665



2.1665, 1.1090, 0.4584

Previews

White Background



This preview shows how the XYZ color 80.6329, 78.7266, 84.3447 looks on a white background.

Color Contrast Check

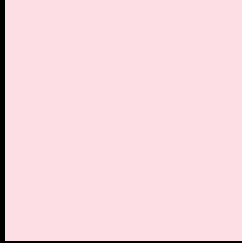
Large Text (above 18pt) WCAG AA × Fail

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 80.6329, 78.7266, 84.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

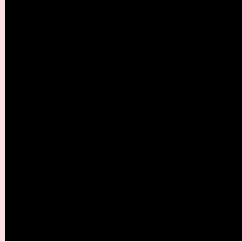
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6329, 78.7266, 84.3447

Background



This preview shows how black text looks on a background with the XYZ color 80.6329, 78.7266, 84.3447.



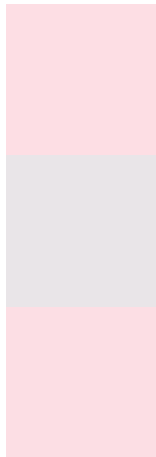
This preview shows how white text looks on a background with the XYZ color 80.6329, 78.7266,

84.3447.

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

80.6329, 78.7266, 84.3447

Protanopia

76.1891, 79.1885, 87.6132

Deuteranopia

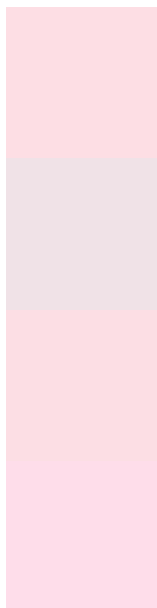
80.2698, 78.5394, 84.3277



Tritanopia

81.8989, 78.4303, 91.7109

Trichromacy



Original Color

80.6329, 78.7266, 84.3447

Protanomaly

77.5553, 78.6875, 86.7019

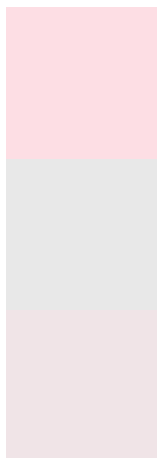
Deuteranomaly

80.2698, 78.5394, 84.3277

Tritanomaly

81.5808, 78.7242, 88.7374

Monochromacy



Original Color

80.6329, 78.7266, 84.3447

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1024, 79.7816, 86.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6329, 78.7266, 84.3447 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(253, 222, 228) looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 228)  
}
```

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(253, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 228) }
```

Border

The CSS property to change the border of an element to XYZ 80.6329, 78.7266, 84.3447 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(253, 222, 228) }
```


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

```
.border{ border-color:rgb(253, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6329, 78.7266, 84.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 228) }
```

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

```
.background{ background-color: rgb(253,  
222, 228) }
```

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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