

Converting Colors

XYZ(87.5320, 82.2278, 79.8902)

Have a look what the booklet for
XYZ(87.5320, 82.2278, 79.8902)
contains.

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Color

**XYZ(80.4124, 78.7230,
79.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEDD
RGB	255, 222, 221
RGB Percent	100%, 87%, 87%
CMY	0.0000, 0.1294, 0.1333
CMYK	0.00, 0.13, 0.13, 0.00
HSL	2°, 100%, 93%
HSV	2°, 13%, 100%
XYZ	80.4124, 78.7230, 79.3635
YIQ	231.7530, 19.9890, 6.6850

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 222, 221
Decimal	16768733
CIE Lab	91.11, 11.22, 4.68
CIE LCh	91, 12.156, 22.641
Yxy	78.7230, 0.3372, 0.3301
Android (android.graphics.Color)	4294958813 (0xFFFFDEDD)
YUV	231.7530, -5.3012, 20.3876
Hunter-Lab	88.7260, 6.5042, 9.0745

Details

The XYZ color **80.4124, 78.7230, 79.3635** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.3097, 93.4732, 108.2590**, and the grayscale version is **76.5466, 80.5330, 87.7004**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9904, 42.3964, 41.9412** is the 20% darker color. If you saturate the color by 10%, you get **71.1724, 65.2733, 60.7754**, and if you desaturate by 10%, it is **91.1369, 94.3150, 100.9942**.

Distribution



Red (100%)

Green (87%)

Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)



Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4124, 78.7230, 79.3635 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 80.4124, 78.7230, 79.3635 by changing the saturation by 10% instead.


 80.4124, 78.7230,
79.3635

 80.4124, 78.7230,
79.3635


485.0370,
490.6188, 512.4353

 60.3674, 58.6681,
58.6716


132.8929,
131.5688, 134.2738

 43.9654, 42.3460,
41.9306


166.0591,
165.1285, 169.3293

 30.8411, 29.3723,
28.7218


204.3297,
203.9586, 210.0097

 20.6291, 19.3626,
18.6267

248.0701,
248.4435, 256.7337

 12.9641, 11.9326,
11.2268

297.6457,
298.9676, 309.9197

 7.4807, 6.6978,
6.1035

353.4218,

 3.8135, 3.2738,

355.9152, 369.9862

2.8383

415.7638,
419.6708, 437.3519

■ 1.5972, 1.2763,
1.0127

■ 0.3906, 0.1228,
0.0000

■ 80.4124, 78.7230,
79.3635

■ 80.4124, 78.7230,
79.3635

■ 71.1724, 65.2733,
60.7754

■ 91.1369, 94.3150,
100.9942

■ 63.3462, 53.8630,
45.0889

95.0500, 100.0000,
108.9000

■ 56.8658, 44.3956,
32.1591

■ 51.6553, 36.7628,
21.8267

■ 47.6314, 30.8458,
13.9162

■ 44.7007, 26.5120,
8.2304

■ 42.7561, 23.6091,
4.5414

■ 41.6685, 21.9551,
2.5720

■ 41.3218, 21.4236,
1.9573

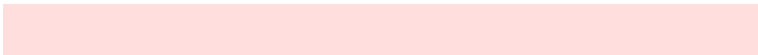
Harmonies

Analogous

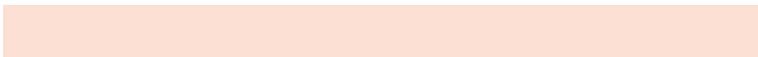
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8400, 78.7230, 87.9023



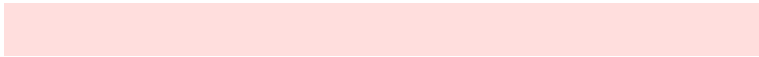
80.4124, 78.7230, 79.3635



78.4679, 78.7230, 72.9532

Triad

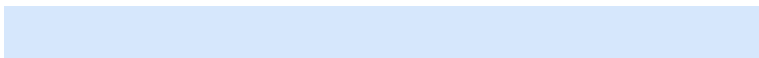
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4124, 78.7230, 79.3635



70.2236, 78.7230, 75.8494



74.0694, 78.7230, 103.6233

Complementary

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



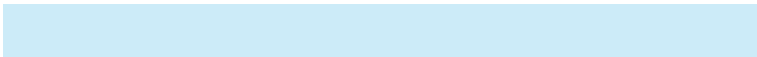
80.4124, 78.7230, 79.3635



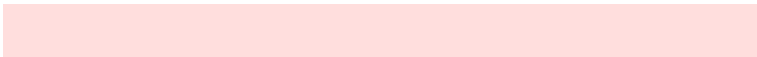
83.3097, 93.4732, 108.2590

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.



71.2944, 78.7230, 99.8866



80.4124, 78.7230, 79.3635



69.1139, 78.7230, 83.5661

Square

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



80.4124, 78.7230, 79.3635



72.5716, 78.7230, 71.0234



69.5004, 78.7230, 92.3987



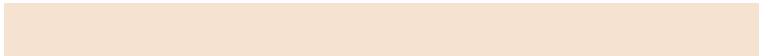
77.1223, 78.7230, 102.3068

Rectangle

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



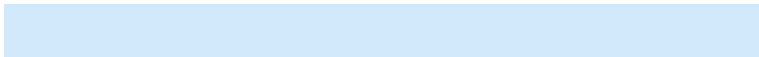
80.4124, 78.7230, 79.3635



76.6011, 78.7230, 70.5537



69.5004, 78.7230, 92.3987



73.0743, 78.7230, 102.9083

Sweetspot

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



80.4143, 78.7263, 79.3651



90.3740, 93.2065, 99.4536



85.0558, 80.1573, 105.1192



19.1614, 19.6851, 20.9191



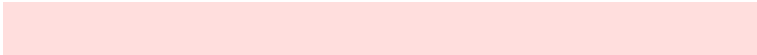
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.4143, 78.7263, 79.3651



77.8070, 74.9329, 74.1150



85.0314, 87.9606, 80.9042



18.0524, 18.0730, 18.6813



21.6101, 11.2315, 1.0289



2.1186, 1.1225, 0.1050

Inverse Universe

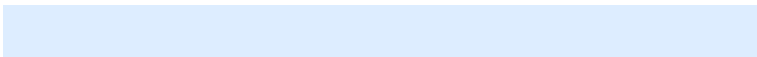
The Inverse Universe completely reimagines the original color for something new.



83.3097, 93.4732, 108.2590



81.2166, 92.2995, 108.1428



78.2793, 83.4125, 106.5822



18.5061, 20.3839, 23.2091



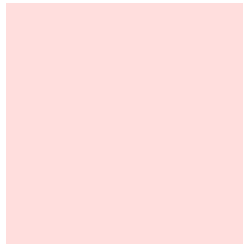
26.9061, 38.7218, 55.4905



2.6337, 3.7981, 5.4076

Previews

White Background



This preview shows how the XYZ color 80.4124, 78.7230, 79.3635 looks on a white background.

Color Contrast Check

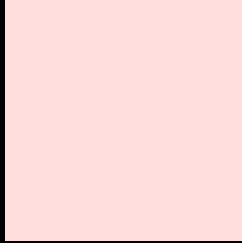
Large Text (above 18pt) WCAG AA × Fail

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 80.4124, 78.7230, 79.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

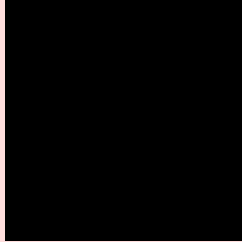
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.4124, 78.7230, 79.3635

Background



This preview shows how black text looks on a background with the XYZ color 80.4124, 78.7230, 79.3635.



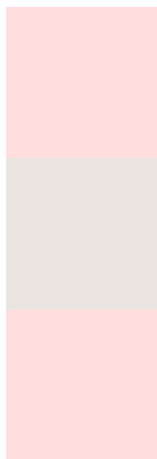
This preview shows how white text looks on a background with the XYZ color 80.4124, 78.7230,

79.3635.

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

80.4124, 78.7230, 79.3635

Protanopia

75.8709, 79.1370, 82.5103

Deuteranopia

80.4124, 78.7230, 79.3635



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

80.4124, 78.7230, 79.3635

Protanomaly

77.2689, 78.6518, 81.6298

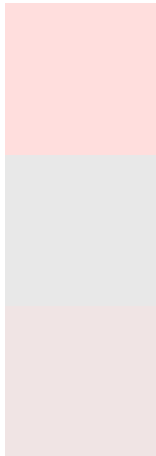
Deuteranomaly

80.4124, 78.7230, 79.3635

Tritanomaly

81.5203, 78.7424, 86.5035

Monochromacy



Original Color

80.4124, 78.7230, 79.3635

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.6822, 79.6135, 84.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4124, 78.7230, 79.3635 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, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 221)  
}
```

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, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 221) }
```

Border

The CSS property to change the border of an element to XYZ 80.4124, 78.7230, 79.3635 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, 222, 221) }
```


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

```
.border{ border-color:rgb(255, 222, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 222, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4124, 78.7230, 79.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 221) }
```

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

```
.background{ background-color: rgb(255,  
222, 221) }
```

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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