

Converting Colors

XYZ(80.1538, 80.2157, 81.1045)

Have a look what the booklet for
XYZ(80.1538, 80.2157, 81.1045)
contains.

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Color

**XYZ(79.9400, 80.0444,
81.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE2DF
RGB	250, 226, 223
RGB Percent	98%, 89%, 87%
CMY	0.0196, 0.1137, 0.1255
CMYK	0.00, 0.10, 0.11, 0.02
HSL	7°, 73%, 93%
HSV	7°, 11%, 98%
XYZ	79.9400, 80.0444, 81.0489
YIQ	232.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

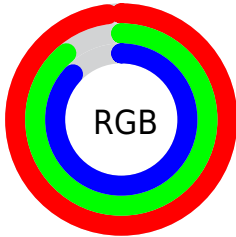
Format	Color
R _Y B	250, 226, 223
Decimal	16442079
CIE Lab	91.70, 7.72, 4.44
CIE LCh	92, 8.909, 29.907
Yxy	80.0444, 0.3317, 0.3321
Android (android.graphics.Color)	4294632159 (0xFFFAE2DF)
YUV	232.8340, -4.8482, 15.0546
Hunter-Lab	89.4675, 2.9231, 8.9163

Details

The XYZ color **79.9400, 80.0444, 81.0489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9473, 89.1101, 103.3770**, and the grayscale version is **77.3564, 81.3850, 88.6282**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6231, 43.2904, 43.1025** is the 20% darker color. If you saturate the color by 10%, you get **71.1604, 67.4863, 62.7026**, and if you desaturate by 10%, it is **90.0047, 94.3744, 102.2807**.

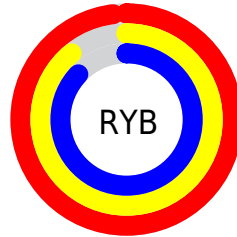
Distribution



Red (98%)

Green (89%)

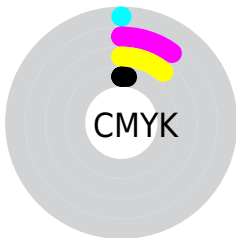
Blue (87%)



Red (98%)

Yellow (89%)

Blue (87%)

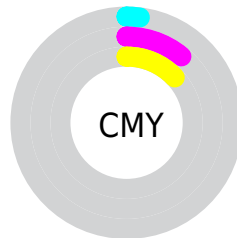


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9400, 80.0444, 81.0489 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 79.9400, 80.0444, 81.0489 by changing the saturation by 10% instead.

 79.9400, 80.0444,
81.0489

 79.9400, 80.0444,
81.0489


483.4702,
495.0825, 518.2604

 59.9773, 59.7549,
60.0506


132.2323,
133.4282, 136.6641

 43.6497, 43.2211,
43.0339


165.2927,
167.2912, 172.1182

 30.5919, 30.0586,
29.5801


203.4496,
206.4475, 213.2279

 20.4386, 19.8831,
19.2708

247.0684,
251.2815, 260.4118

 12.8244, 12.3101,
11.6873

296.5145,
302.1777, 314.0885

 7.3839, 6.9552,
6.4112

352.1533,

 3.7518, 3.4341,

359.5202, 374.6764

3.0239

414.3501,
423.6937, 442.5942

■ 1.5627, 1.3624,
1.1068

■ 0.3679, 0.1887,
0.0000

■ 79.9400, 80.0444,
81.0489

■ 79.9400, 80.0444,
81.0489

■ 71.1604, 67.4863,
62.7026

■ 90.0047, 94.3744,
102.2807

■ 63.6076, 56.6211,
47.1124

■ 93.2348, 99.0642,
108.8150

■ 57.2287, 47.3795,
34.1464

■ 51.9645, 39.6833,
23.6601

■ 47.7504, 33.4480,
15.4949

■ 44.5151, 28.5807,
9.4739

■ 42.1784, 24.9779,
5.3946

■ 40.6470, 22.5212,
3.0153

■ 39.8357, 21.1461,
1.9820

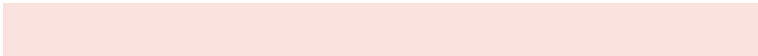
Harmonies

Analogous

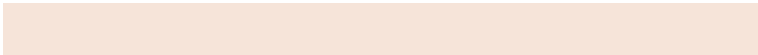
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5443, 80.0444, 87.1751



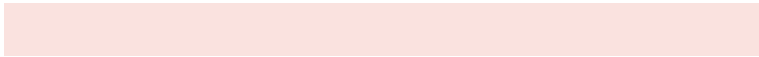
79.9400, 80.0444, 81.0489



78.2971, 80.0444, 76.7459

Triad

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



79.9400, 80.0444, 81.0489



72.3528, 80.0444, 81.0153



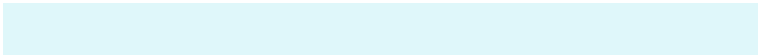
76.0727, 80.0444, 100.3100

Complementary

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



79.9400, 80.0444, 81.0489



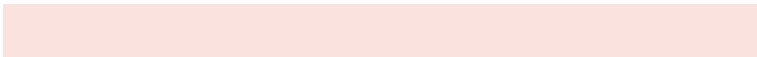
80.9473, 89.1101, 103.3770

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.



73.9047, 80.0444, 98.4645



79.9400, 80.0444, 81.0489



71.7834, 80.0444, 87.1344

Square

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



79.9400, 80.0444, 81.0489



73.9168, 80.0444, 76.7272



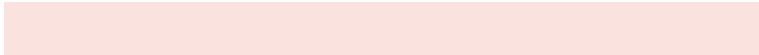
72.3459, 80.0444, 93.5598



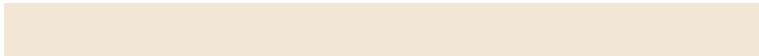
78.2846, 80.0444, 98.4866

Rectangle

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



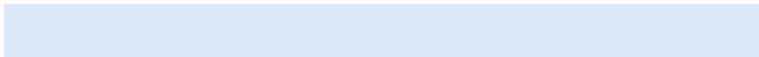
79.9400, 80.0444, 81.0489



76.8500, 80.0444, 75.3792



72.3459, 80.0444, 93.5598



75.3148, 80.0444, 100.0969

Sweetspot

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



79.9422, 80.0479, 81.0506



91.7119, 95.2556, 101.8316



82.6479, 79.8345, 99.2932



19.4437, 20.1234, 21.4020



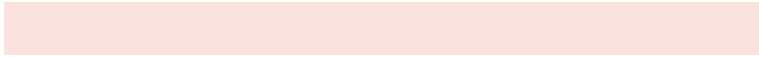
0.0000, 0.0000, 0.0000



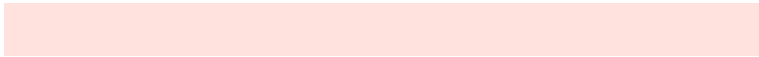
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9422, 80.0479, 81.0506



81.4758, 80.6680, 80.2781



83.6697, 87.5030, 82.2931



17.4001, 17.5360, 17.9301



21.1800, 11.3167, 1.0680



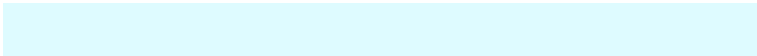
2.0107, 1.1463, 0.1153

Inverse Universe

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



80.9473, 89.1101, 103.3770



82.7228, 91.9150, 107.9892



77.0538, 81.3231, 102.0792



17.5912, 19.2592, 22.1755



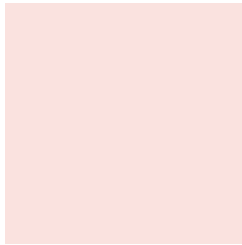
23.1007, 31.5569, 52.8471



2.1851, 3.0139, 4.9097

Previews

White Background



This preview shows how the XYZ color 79.9400, 80.0444, 81.0489 looks on a white background.

Color Contrast Check

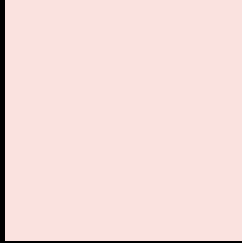
Large Text (above 18pt) WCAG AA × Fail

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 79.9400, 80.0444, 81.0489 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 79.9400, 80.0444, 81.0489

Background



This preview shows how black text looks on a background with the XYZ color 79.9400, 80.0444, 81.0489.



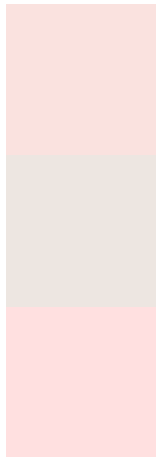
This preview shows how white text looks on a background with the XYZ color 79.9400, 80.0444,

81.0489.

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

79.9400, 80.0444, 81.0489

Protanopia

76.8125, 80.0344, 82.6339

Deuteranopia

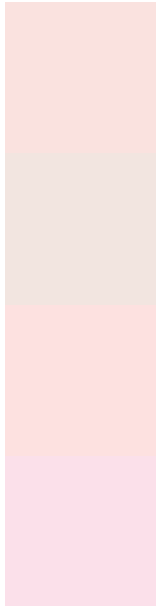
81.3502, 79.9531, 81.6659



Tritanopia

82.4097, 79.8217, 94.2828

Trichromacy



Original Color

79.9400, 80.0444, 81.0489

Protanomaly

78.0918, 80.2977, 81.9041

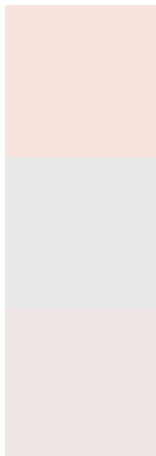
Deuteranomaly

80.8878, 80.1149, 81.7215

Tritanomaly

81.2906, 79.7611, 88.9528

Monochromacy



Original Color

79.9400, 80.0444, 81.0489

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0363, 80.6015, 85.5734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9400, 80.0444, 81.0489 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(250, 226, 223) looks like.

```
.text, #text, p{  
    color:rgb(250, 226, 223)  
}
```

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(250, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 226, 223) }
```

Border

The CSS property to change the border of an element to XYZ 79.9400, 80.0444, 81.0489 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(250, 226, 223) }
```


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

```
.border{ border-color:rgb(250, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(250, 226,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9400, 80.0444, 81.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 226, 223) }
```

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

```
.background{ background-color: rgb(250,  
226, 223) }
```

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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