

Converting Colors

XYZ(80.8489, 81.1586, 78.8551)

Have a look what the booklet for
XYZ(80.8489, 81.1586, 78.8551)
contains.

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Color

**XYZ(80.8954, 80.9881,
79.0788)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE3DC
RGB	253, 227, 220
RGB Percent	99%, 89%, 86%
CMY	0.0078, 0.1098, 0.1372
CMYK	0.00, 0.10, 0.13, 0.01
HSL	13°, 89%, 93%
HSV	13°, 13%, 99%
XYZ	80.8954, 80.9881, 79.0788
YIQ	233.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

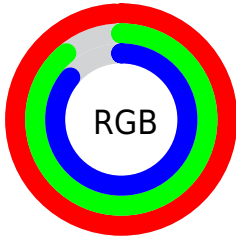
Format	Color
R _Y B	253, 229, 220
Decimal	16638940
CIE Lab	92.13, 7.78, 6.65
CIE LCh	92, 10.233, 40.527
Yxy	80.9881, 0.3357, 0.3361
Android (android.graphics.Color)	4294829020 (0xFFFDE3DC)
YUV	233.9760, -6.8902, 16.6840
Hunter-Lab	89.9934, 2.9659, 10.8962

Details

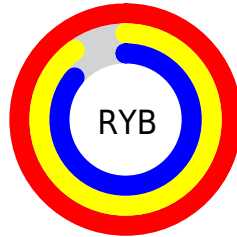
The XYZ color **80.8954, 80.9881, 79.0788** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2003, 88.2174, 105.7301**, and the grayscale version is **78.2316, 82.3057, 89.6309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3090, 43.9574, 41.7466** is the 20% darker color. If you saturate the color by 10%, you get **72.6563, 69.4720, 61.0331**, and if you desaturate by 10%, it is **90.2772, 93.9763, 100.0091**.

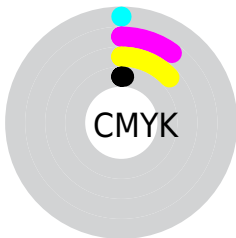
Distribution



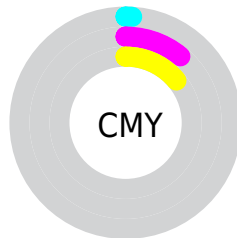
- Red (99%)
- Green (89%)
- Blue (86%)



- Red (99%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8954, 80.9881, 79.0788 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 80.8954, 80.9881, 79.0788 by changing the saturation by 10% instead.


 80.8954, 80.9881,
79.0788

 80.8954, 80.9881,
79.0788


486.6360,
498.2566, 511.4475

 60.7665, 60.5318,
58.4389


133.5678,
134.7541, 133.8695

 44.2885, 43.8474,
41.7446


166.8420,
168.8325, 168.8573

 31.0963, 30.5506,
28.5773


205.2286,
208.2205, 209.4649

 20.8244, 20.2569,
18.5184

249.0931,
253.3023, 256.1107

 13.1074, 12.5819,
11.1496

298.8007,
304.4625, 309.2134

 7.5801, 7.1413,
6.0521

354.7168,

 3.8770, 3.5506,

362.0853, 369.1913

2.8075

417.2068,
426.5552, 436.4632

■ 1.6328, 1.4255,
0.9972

■ 0.4136, 0.2354,
0.0000

■ 80.8954, 80.9881,
79.0788

■ 80.8954, 80.9881,
79.0788

■ 72.6563, 69.4720,
61.0331

■ 90.2772, 93.9763,
100.0091

■ 65.5089, 59.3651,
45.7399

■ 94.3184, 99.6229,
108.8658

■ 59.4085, 50.6162,
33.0649

■ 54.3045, 43.1664,
22.8600

■ 50.1419, 36.9529,
14.9625

■ 46.8602, 31.9071,
9.1899

■ 44.3911, 27.9535,
5.3319

■ 42.6553, 25.0071,
3.1340

■ 41.8137, 23.4934,
2.3309

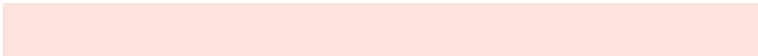
Harmonies

Analogous

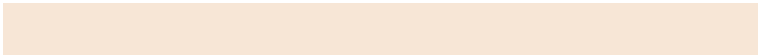
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0702, 80.9881, 85.5557



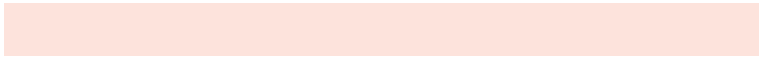
80.8954, 80.9881, 79.0788



78.6794, 80.9881, 75.1880

Triad

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



80.8954, 80.9881, 79.0788



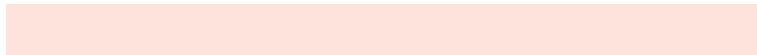
72.2947, 80.9881, 83.4296



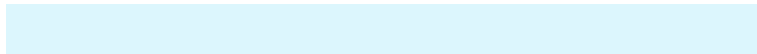
77.9069, 80.9881, 103.2434

Complementary

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



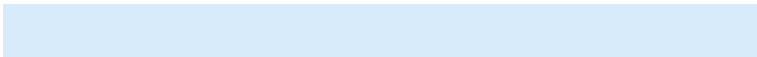
80.8954, 80.9881, 79.0788



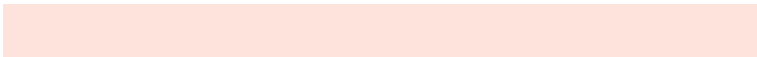
80.2003, 88.2174, 105.7301

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.



75.2989, 80.9881, 102.5936



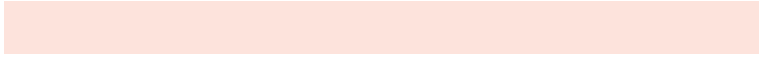
80.8954, 80.9881, 79.0788



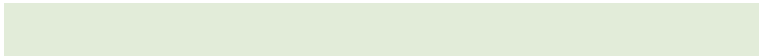
72.0986, 80.9881, 90.8621

Square

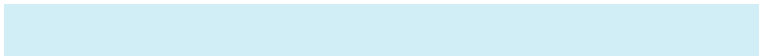
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8954, 80.9881, 79.0788



73.7288, 80.9881, 77.5989



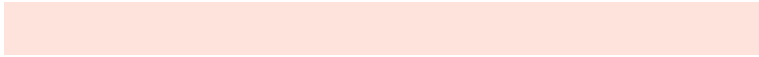
73.1868, 80.9881, 97.9589



80.3188, 80.9881, 99.6867

Rectangle

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



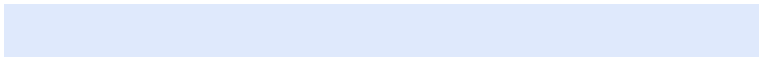
80.8954, 80.9881, 79.0788



76.9301, 80.9881, 74.4441



73.1868, 80.9881, 97.9589



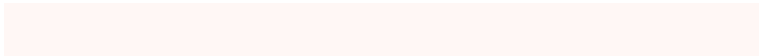
77.0234, 80.9881, 103.5144

Sweetspot

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



80.8976, 80.9917, 79.0805



90.9410, 94.3405, 99.6426



82.7983, 78.7486, 98.3481



19.3043, 19.9708, 20.9667



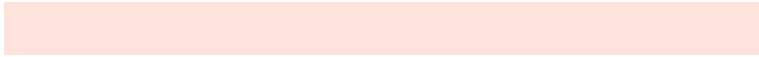
0.0000, 0.0000, 0.0000



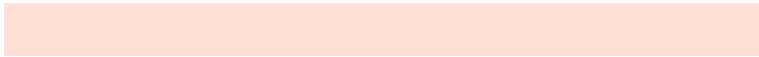
20.3446, 21.4041, 23.3091

Same Dimension

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



80.8976, 80.9917, 79.0805



79.7535, 78.8258, 74.7638



85.5078, 90.2121, 80.6172



18.3218, 18.6117, 18.7711



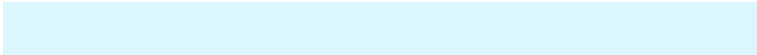
22.3278, 12.6667, 1.2681



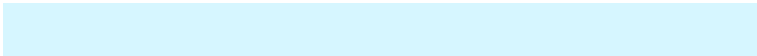
2.2489, 1.3832, 0.1485

Inverse Universe

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



80.2003, 88.2174, 105.7301



78.8992, 87.6648, 107.3703



75.5149, 78.8467, 104.1683



18.2084, 19.7884, 23.1098



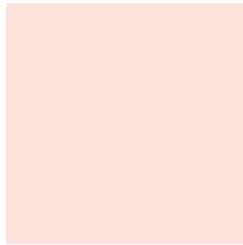
20.4429, 25.7953, 53.3361



2.0683, 2.6673, 5.2191

Previews

White Background



This preview shows how the XYZ color 80.8954, 80.9881, 79.0788 looks on a white background.

Color Contrast Check

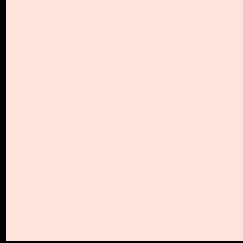
Large Text (above 18pt) WCAG AA × Fail

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 80.8954, 80.9881, 79.0788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

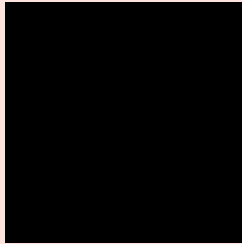
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

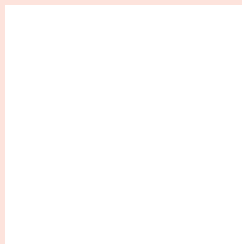
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8954, 80.9881, 79.0788

Background



This preview shows how black text looks on a background with the XYZ color 80.8954, 80.9881, 79.0788.



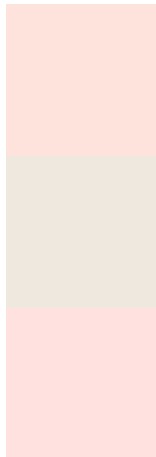
This preview shows how white text looks on a background with the XYZ color 80.8954, 80.9881,

79.0788.

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

80.8954, 80.9881, 79.0788

Protanopia

77.6380, 81.3379, 80.7151

Deuteranopia

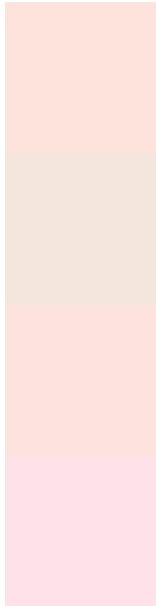
81.7556, 80.9804, 81.1338



Tritanopia

83.7728, 80.9222, 94.4233

Trichromacy



Original Color

80.8954, 80.9881, 79.0788

Protanomaly

78.6562, 81.0472, 79.9047

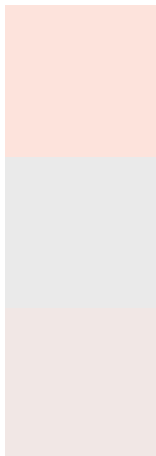
Deuteranomaly

81.2542, 80.7375, 80.4086

Tritanomaly

82.5062, 80.8045, 88.3391

Monochromacy



Original Color

80.8954, 80.9881, 79.0788

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9944, 81.5097, 85.6982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8954, 80.9881, 79.0788 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, 227, 220) looks like.

```
.text, #text, p{  
    color:rgb(253, 227, 220)  
}
```

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, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 220) }
```

Border

The CSS property to change the border of an element to XYZ 80.8954, 80.9881, 79.0788 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, 227, 220) }
```


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

```
.border{ border-color:rgb(253, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8954, 80.9881, 79.0788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 220) }
```

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

```
.background{ background-color: rgb(253,  
227, 220) }
```

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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