

Converting Colors

XYZ(80.3568, 78.8829, 91.1506)

Have a look what the booklet for
XYZ(80.3568, 78.8829, 91.1506)
contains.

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Color

**XYZ(80.3851, 78.8462,
91.1029)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DFED
RGB	248, 223, 237
RGB Percent	97%, 87%, 93%
CMY	0.0274, 0.1255, 0.0706
CMYK	0.00, 0.10, 0.04, 0.03
HSL	326°, 64%, 92%
HSV	326°, 10%, 97%
XYZ	80.3851, 78.8462, 91.1029
YIQ	232.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

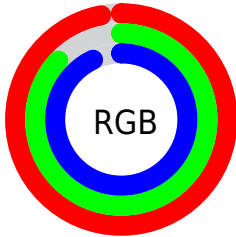
Format	Color
R _Y B	248, 223, 237
Decimal	16310253
CIE Lab	91.16, 10.93, -3.69
CIE LCh	91, 11.533, 341.318
Yxy	78.8462, 0.3211, 0.3150
Android (android.graphics.Color)	4294500333 (0xFFFF8DFED)
YUV	232.0710, 2.4300, 13.9697
Hunter-Lab	88.7954, 6.2014, 1.3260

Details

The XYZ color **80.3851, 78.8462, 91.1029** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8531, 88.7653, 90.8234**, and the grayscale version is **76.7337, 80.7298, 87.9148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0813, 42.5479, 49.6053** is the 20% darker color. If you saturate the color by 10%, you get **72.6925, 65.9347, 80.9101**, and if you desaturate by 10%, it is **89.1497, 93.7443, 102.1338**.

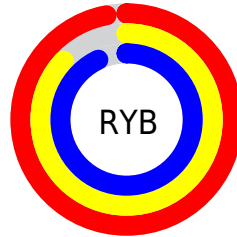
Distribution



Red (97%)

Green (87%)

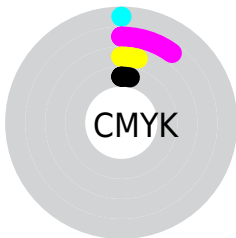
Blue (93%)



Red (97%)

Yellow (87%)

Blue (93%)

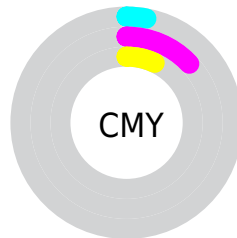


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (3%)



Cyan (3%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3851, 78.8462, 91.1029 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 80.3851, 78.8462, 91.1029 by changing the saturation by 10% instead.

 80.3851, 78.8462,
91.1029

 80.3851, 78.8462,
91.1029


484.9465,
491.0359, 552.2745

 60.3449, 58.7694,
68.3169


132.8547,
131.7423, 150.8183

 43.9472, 42.4275,
49.6873


166.0148,
165.3304, 188.5848

 30.8267, 29.4362,
34.7955


204.2789,
204.1910, 232.1818

 20.6181, 19.4110,
23.2231

248.0123,
248.7085, 282.0280

 12.9560, 11.9676,
14.5515

297.5804,
299.2674, 338.5418

 7.4751, 6.7217,
8.3621

353.3486,

 3.8099, 3.2886,

356.2520, 402.1418

4.2364

415.6821,
420.0467, 473.2465

■ 1.5951, 1.2842,
1.7559

■ 0.3892, 0.1289,
0.3986

■ 80.3851, 78.8462,
91.1029

■ 80.3851, 78.8462,
91.1029

■ 72.6925, 65.9347,
80.9101

■ 89.1497, 93.7443,
102.1338

■ 66.0214, 54.9148,
71.5273

■ 92.5219, 98.6967,
108.7817

■ 60.3273, 45.6991,
62.9318

■ 55.5595, 38.1890,
55.0980

■ 51.6625, 32.2767,
47.9980

■ 48.5746, 27.8418,
41.6019

■ 46.2254, 24.7466,
35.8763

■ 44.5313, 22.8273,
30.7832

■ 43.3621, 21.8168,
26.2996

Harmonies

Analogous

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



78.7084, 78.8462, 98.4986



80.3851, 78.8462, 91.1029



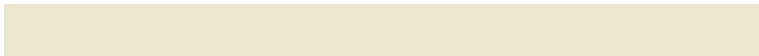
80.5808, 78.8462, 82.7336

Triad

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



80.3851, 78.8462, 91.1029



73.8447, 78.8462, 71.0322



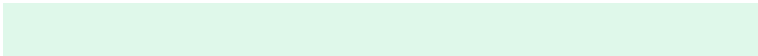
70.8037, 78.8462, 96.9073

Complementary

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



80.3851, 78.8462, 91.1029



78.8531, 88.7653, 90.8234

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.



69.5706, 78.8462, 89.0439



80.3851, 78.8462, 91.1029



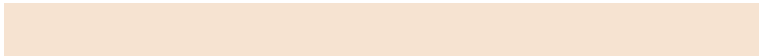
71.2957, 78.8462, 74.3336

Square

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



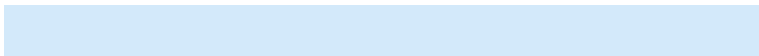
80.3851, 78.8462, 91.1029



76.7533, 78.8462, 71.5042



69.7483, 78.8462, 80.8032



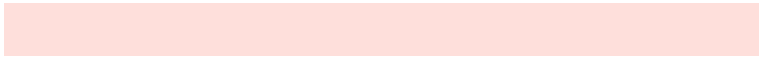
73.1573, 78.8462, 101.9969

Rectangle

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



80.3851, 78.8462, 91.1029



79.8392, 78.8462, 77.7623



69.7483, 78.8462, 80.8032



70.2472, 78.8462, 94.4801

Sweetspot

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



80.3874, 78.8496, 91.1046



92.1205, 95.0009, 105.2730



77.2109, 77.0207, 99.6050



19.5538, 20.0552, 22.3282



0.0000, 0.0000, 0.0000



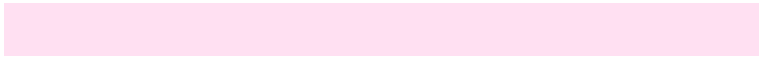
20.3446, 21.4041, 23.3091

Same Dimension

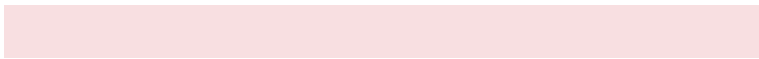
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3874, 78.8496, 91.1046



83.9604, 81.1694, 94.8799



78.6470, 78.1535, 81.9399



17.6516, 17.3880, 20.0211



23.4957, 11.8140, 14.5849



2.2294, 1.1155, 1.6315

Inverse Universe

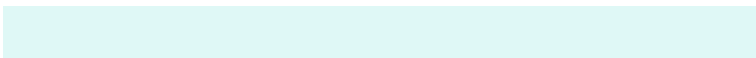
The Inverse Universe completely reimagines the original color for something new.



80.3874, 78.8496, 91.1046



83.9604, 81.1694, 94.8799



80.6870, 89.4989, 100.4809



17.6516, 17.3880, 20.0211



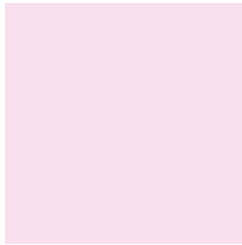
23.4957, 11.8140, 14.5849



2.2294, 1.1155, 1.6315

Previews

White Background



This preview shows how the XYZ color 80.3851, 78.8462, 91.1029 looks on a white background.

Color Contrast Check

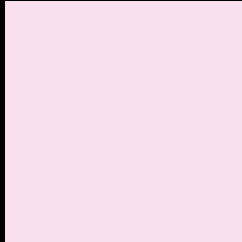
Large Text (above 18pt) WCAG AA × Fail

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 80.3851, 78.8462, 91.1029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

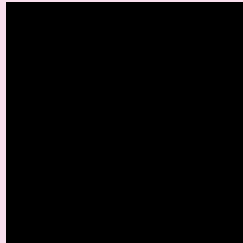
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3851, 78.8462, 91.1029

Background



This preview shows how black text looks on a background with the XYZ color 80.3851, 78.8462, 91.1029.

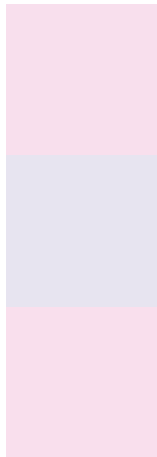


This preview shows how white text looks on a background with the XYZ color 80.3851, 78.8462,

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

80.3851, 78.8462, 91.1029

Protanopia

76.4266, 78.7670, 93.6135

Deuteranopia

80.7407, 79.0295, 91.1195



Tritanopia

80.8273, 79.0231, 93.4310

Trichromacy



Original Color

80.3851, 78.8462, 91.1029

Protanomaly

77.7014, 78.6292, 92.7430

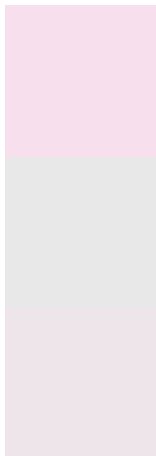
Deuteranomaly

80.7407, 79.0295, 91.1195

Tritanomaly

80.6791, 78.9638, 92.6506

Monochromacy



Original Color

80.3851, 78.8462, 91.1029

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1305, 80.1563, 89.1957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3851, 78.8462, 91.1029 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(248, 223, 237) looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 237)  
}
```

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(248, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.3851, 78.8462, 91.1029 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(248, 223, 237) }
```


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

```
.border{ border-color:rgb(248, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3851, 78.8462, 91.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 237) }
```

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

```
.background{ background-color: rgb(248,  
223, 237) }
```

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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