

Converting Colors

XYZ(80.7740, 78.4833, 91.4783)

Have a look what the booklet for
XYZ(80.7740, 78.4833, 91.4783)
contains.

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Color

**XYZ(80.9782, 78.7396,
91.8192)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FADEEE |
| RGB | 250, 222, 238 |
| RGB Percent | 98%, 87%, 93% |
| CMY | 0.0196, 0.1294, 0.0667 |
| CMYK | 0.00, 0.11, 0.05, 0.02 |
| HSL | 326°, 74%, 93% |
| HSV | 326°, 11%, 98% |
| XYZ | 80.9782, 78.7396, 91.8192 |
| YIQ | 232.1960, 11.5520, 10.9120 |

Conversions

Conversions Part 2

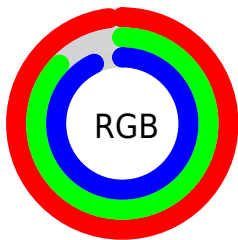
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 250, 222, 238 |
| Decimal | 16441070 |
| CIE Lab | 91.12, 12.29, -4.27 |
| CIE LCh | 91, 13.014, 340.846 |
| Yxy | 78.7396, 0.3219, 0.3130 |
| Android (android.graphics.Color) | 4294631150 (0xFFFADEEE) |
| YUV | 232.1960, 2.8614, 15.6141 |
| Hunter-Lab | 88.7353, 7.6089, 0.7642 |

Details

The XYZ color **80.9782, 78.7396, 91.8192** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1641, 89.8433, 91.0152**, and the grayscale version is **76.8236, 80.8244, 88.0178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2545, 42.3523, 50.0983** is the 20% darker color. If you saturate the color by 10%, you get **73.2969, 65.8212, 81.7215**, and if you desaturate by 10%, it is **89.7422, 93.6714, 102.7420**.

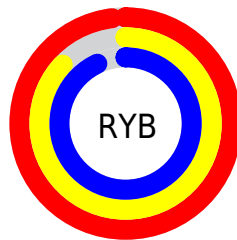
Distribution



Red (98%)

Green (87%)

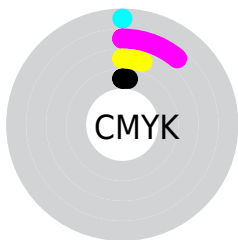
Blue (93%)



Red (98%)

Yellow (87%)

Blue (93%)

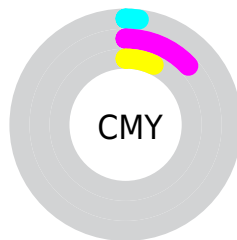


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9782, 78.7396, 91.8192 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 80.9782, 78.7396, 91.8192 by changing the saturation by 10% instead.


 80.9782, 78.7396,
91.8192

 80.9782, 78.7396,
91.8192


486.9098,
490.6750, 554.6531

 60.8349, 58.6817,
68.9083


133.6835,
131.5922, 151.8203

 44.3440, 42.3570,
50.1657


166.9761,
165.1557, 189.7476

 31.1401, 29.3809,
35.1730


205.3826,
203.9899, 233.5174

 20.8579, 19.3692,
23.5115

249.2683,
248.4792, 283.5482

 13.1320, 11.9373,
14.7628

298.9985,
299.0080, 340.2587

 7.5971, 6.7010,
8.5083

354.9386,

 3.8879, 3.2758,

355.9606, 404.0673

4.3295

417.4539,
419.7215, 475.3926

■ 1.6389, 1.2774,
1.8078

■ 0.4176, 0.1236,
0.4331

■ 80.9782, 78.7396,
91.8192

■ 80.9782, 78.7396,
91.8192

■ 73.2969, 65.8212,
81.7215

■ 89.7422, 93.6714,
102.7420

■ 66.6469, 54.8188,
72.4211

■ 93.2348, 99.0642,
108.8150

■ 60.9822, 45.6425,
63.8953

■ 56.2509, 38.1910,
56.1185

■ 52.3960, 32.3530,
49.0630

■ 49.3539, 28.0042,
42.6986

■ 47.0515, 25.0017,
36.9918

■ 45.4018, 23.1742,
31.9040

■ 44.3708, 22.3026,
27.8904

Harmonies

Analogous

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



79.0553, 78.7396, 100.1880



80.9782, 78.7396, 91.8192



81.2286, 78.7396, 82.3687

Triad

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



80.9782, 78.7396, 91.8192



73.6551, 78.7396, 69.1374



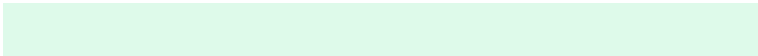
70.1538, 78.7396, 98.1422

Complementary

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



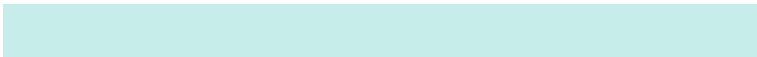
80.9782, 78.7396, 91.8192



79.1641, 89.8433, 91.0152

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.



68.7948, 78.7396, 89.1898



80.9782, 78.7396, 91.8192



70.7766, 78.7396, 72.7417

Square

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



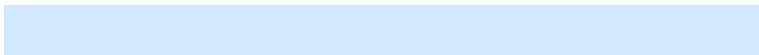
80.9782, 78.7396, 91.8192



76.9353, 78.7396, 69.7279



69.0194, 78.7396, 79.9239



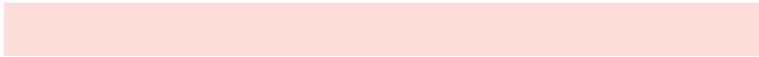
72.7824, 78.7396, 104.0195

Rectangle

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



80.9782, 78.7396, 91.8192



80.4053, 78.7396, 76.7731



69.0194, 78.7396, 79.9239



69.5369, 78.7396, 95.3665

Sweetspot

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



80.9805, 78.7430, 91.8209



92.1344, 95.0064, 105.3459



77.2020, 76.5846, 101.1568



19.5576, 20.0567, 22.3479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

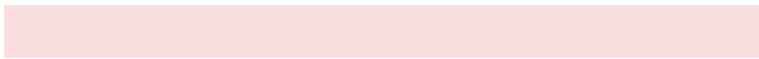
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9805, 78.7430, 91.8209



83.1674, 79.7613, 94.0675



79.0482, 77.9701, 81.6456



17.6602, 17.3915, 20.0666



23.6090, 11.8593, 15.1811



2.2397, 1.1196, 1.6857

Inverse Universe

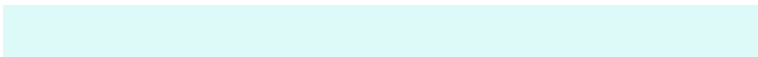
The Inverse Universe completely reimagines the original color for something new.



80.9805, 78.7430, 91.8209



83.1674, 79.7613, 94.0675



81.2038, 90.6592, 101.7564



17.6602, 17.3915, 20.0666



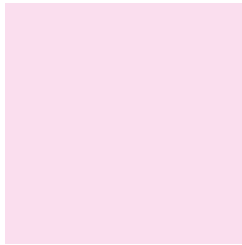
23.6090, 11.8593, 15.1811



2.2397, 1.1196, 1.6857

Previews

White Background



This preview shows how the XYZ color 80.9782, 78.7396, 91.8192 looks on a white background.

Color Contrast Check

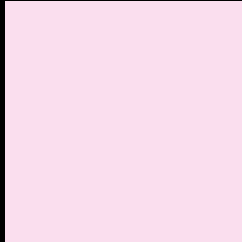
Large Text (above 18pt) WCAG AA × Fail

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 80.9782, 78.7396, 91.8192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

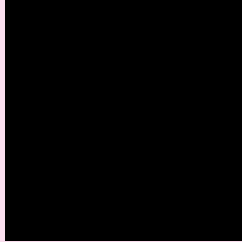
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9782, 78.7396, 91.8192

Background



This preview shows how black text looks on a background with the XYZ color 80.9782, 78.7396, 91.8192.



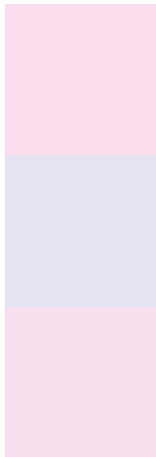
This preview shows how white text looks on a background with the XYZ color 80.9782, 78.7396, 91.8192.

91.8192.

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

80.9782, 78.7396, 91.8192

Protanopia

76.4035, 78.7206, 95.1721

Deuteranopia

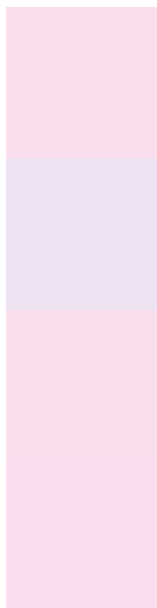
80.5317, 78.9049, 91.8746



Tritanopia

81.1256, 78.7985, 92.5952

Trichromacy



Original Color

80.9782, 78.7396, 91.8192

Protanomaly

77.9986, 78.7481, 94.3080

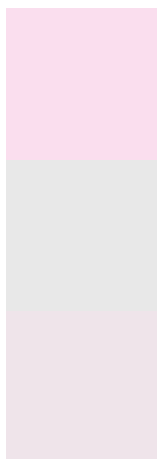
Deuteranomaly

80.8872, 79.0881, 91.8912

Tritanomaly

81.1256, 78.7985, 92.5952

Monochromacy



Original Color

80.9782, 78.7396, 91.8192

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1913, 79.7780, 89.1195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9782, 78.7396, 91.8192 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, 222, 238) looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 238)  
}
```

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, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.9782, 78.7396, 91.8192 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, 222, 238) }
```


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

```
.border{ border-color:rgb(250, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9782, 78.7396, 91.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 238) }
```

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

```
.background{ background-color: rgb(250,  
222, 238) }
```

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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