

Converting Colors

XYZ(78.4473, 70.4302, 98.0181)

Have a look what the booklet for
XYZ(78.4473, 70.4302, 98.0181)
contains.

XYZ(78.6810, 70.6585, 98.2984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.6810, 70.6585,
98.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCC8F8
RGB	252, 204, 248
RGB Percent	99%, 80%, 97%
CMY	0.0118, 0.2000, 0.0274
CMYK	0.00, 0.19, 0.02, 0.01
HSL	305°, 89%, 89%
HSV	305°, 19%, 99%
XYZ	78.6810, 70.6585, 98.2984
YIQ	223.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

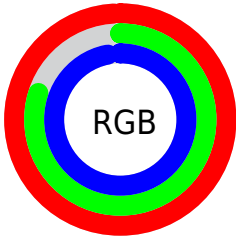
Format	Color
R _Y B	252, 204, 248
Decimal	16567544
CIE Lab	87.32, 24.14, -15.16
CIE LCh	87, 28.503, 327.865
Yxy	70.6585, 0.3177, 0.2853
Android (android.graphics.Color)	4294757624 (0xFFFCCEF8)
YUV	223.3680, 12.1436, 25.1103
Hunter-Lab	84.0586, 19.9780, -10.4929

Details

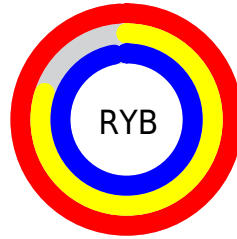
The XYZ color **78.6810, 70.6585, 98.2984** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.1002, 87.0143, 72.7265**, and the grayscale version is **70.3118, 73.9735, 80.5571**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9265, 37.2206, 54.7910** is the 20% darker color. If you saturate the color by 10%, you get **72.8459, 59.5058, 94.7554**, and if you desaturate by 10%, it is **85.4930, 83.7569, 102.1867**.

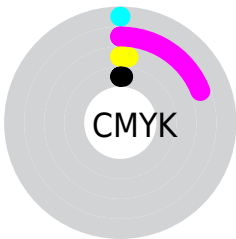
Distribution



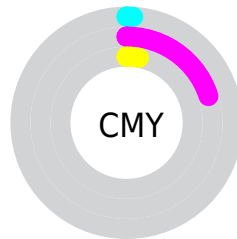
- Red (99%)
- Green (80%)
- Blue (97%)



- Red (99%)
- Yellow (80%)
- Blue (97%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6810, 70.6585, 98.2984 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 78.6810, 70.6585, 98.2984 by changing the saturation by 10% instead.

78.6810, 70.6585,
98.2984

78.6810, 70.6585,
98.2984

479.2810,
462.8587, 575.9233

58.9383, 52.0636,
74.2713

130.4700,
120.1473, 160.8482

42.8096, 37.0557,
54.5180

163.2469,
151.8100, 200.2081

29.9296, 25.2506,
38.6199

201.0994,
188.5974, 245.5158

19.9330, 16.2639,
26.1586

244.3926,
230.8939, 297.1901

12.4543, 9.7111,
16.7155

293.4921,
279.0839, 355.6495

7.1283, 5.2078,
9.8721

348.7631,

3.5895, 2.3697,

333.5518, 421.3124

5.2097

410.5709,
394.6819, 494.5975

■ 1.4726, 0.8102,
2.3099

■ 0.3071, 0.0000,
0.7368

■ 78.6810, 70.6585,
98.2984

■ 78.6810, 70.6585,
98.2984

■ 72.8459, 59.5058,
94.7554

■ 85.4930, 83.7569,
102.1867

■ 67.9349, 50.1964,
91.5376

■ 93.3189, 98.8784,
106.4303

■ 63.8996, 42.6328,
88.6296

■ 93.8433, 99.3909,
108.2582

■ 60.6849, 36.7046,
86.0130

■ 93.9554, 99.4357,
108.8488

■ 58.2293, 32.2889,
83.6673

■ 56.4628, 29.2454,
81.5690

■ 55.3021, 27.4079,
79.6903

■ 54.6234, 26.5287,
77.9899

■ 54.5689, 26.4651,
77.8320

Harmonies

Analogous

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



73.3681, 70.6585, 114.4200



78.6810, 70.6585, 98.2984



80.8868, 70.6585, 78.3189

Triad

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



78.6810, 70.6585, 98.2984



67.6402, 70.6585, 45.6163



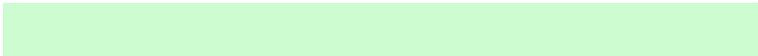
56.3917, 70.6585, 95.5196

Complementary

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



78.6810, 70.6585, 98.2984



71.1002, 87.0143, 72.7265

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.



55.0791, 70.6585, 75.5677



78.6810, 70.6585, 98.2984



61.3101, 70.6585, 48.6869

Square

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



78.6810, 70.6585, 98.2984



74.2541, 70.6585, 49.7079



56.8202, 70.6585, 58.9156



60.5305, 70.6585, 112.6371

Rectangle

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



78.6810, 70.6585, 98.2984



80.1951, 70.6585, 66.1524



56.8202, 70.6585, 58.9156



55.6178, 70.6585, 88.8301

Sweetspot

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



78.6831, 70.6616, 98.2999



90.1572, 90.5418, 106.2596



65.1791, 63.6275, 100.9427



19.1883, 19.1692, 22.6841



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.



78.6831, 70.6616, 98.2999



78.3318, 67.8071, 99.4939



75.1947, 69.2662, 79.9304



17.9270, 17.4981, 21.4711



28.4521, 13.7966, 40.6846



2.6530, 1.2850, 3.8623

Inverse Universe

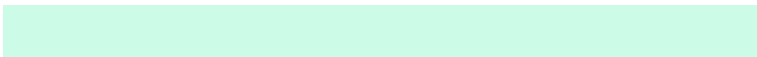
The Inverse Universe completely reimagines the original color for something new.



78.6831, 70.6616, 98.2999



78.3318, 67.8071, 99.4939



74.2802, 88.2863, 89.4723



17.9270, 17.4981, 21.4711



28.4521, 13.7966, 40.6846



2.6530, 1.2850, 3.8623

Previews

White Background



This preview shows how the XYZ color 78.6810, 70.6585, 98.2984 looks on a white background.

Color Contrast Check

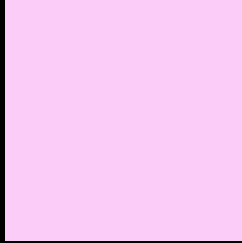
Large Text (above 18pt) WCAG AA × Fail

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 78.6810, 70.6585, 98.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

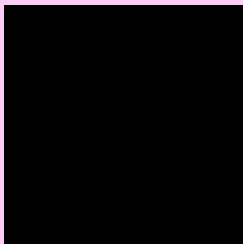
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6810, 70.6585, 98.2984

Background



This preview shows how black text looks on a background with the XYZ color 78.6810, 70.6585, 98.2984.



This preview shows how white text looks on a background with the XYZ color 78.6810, 70.6585,

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

78.6810, 70.6585, 98.2984

Protanopia

70.0142, 70.8428, 104.5916

Deuteranopia

72.4237, 70.7363, 97.0251



Tritanopia

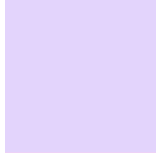
75.0773, 70.6333, 80.1976

Trichromacy



Original Color

78.6810, 70.6585, 98.2984



Protanomaly

72.7927, 70.4461, 101.8563



Deuteranomaly

74.7601, 70.8131, 97.7237



Tritanomaly

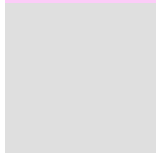
76.4451, 70.8328, 86.7338

Monochromacy



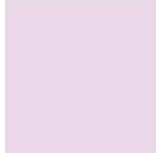
Original Color

78.6810, 70.6585, 98.2984



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.0530, 72.4304, 86.4741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6810, 70.6585, 98.2984 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(252, 204, 248)` looks like.

```
.text, #text, p{  
    color:rgb(252, 204, 248)  
}
```

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(252, 204, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 248) }
```

Border

The CSS property to change the border of an element to XYZ 78.6810, 70.6585, 98.2984 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(252, 204, 248) }
```


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

```
.border{ border-color:rgb(252, 204, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 204, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 204, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 204, 248);  
box-shadow:4px 4px 4px 4px rgb(252, 204,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6810, 70.6585, 98.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 204, 248) }
```

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

```
.background{ background-color: rgb(252,  
204, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor