

Converting Colors

XYZ(83.9238, 80.7044, 97.8165)

Have a look what the booklet for
XYZ(83.9238, 80.7044, 97.8165)
contains.

XYZ(83.7422, 80.4388, 97.4987)	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(83.7422, 80.4388,
97.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDFF5
RGB	254, 223, 245
RGB Percent	100%, 87%, 96%
CMY	0.0039, 0.1255, 0.0392
CMYK	0.00, 0.12, 0.04, 0.00
HSL	317°, 94%, 94%
HSV	317°, 12%, 100%
XYZ	83.7422, 80.4388, 97.4987
YIQ	234.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

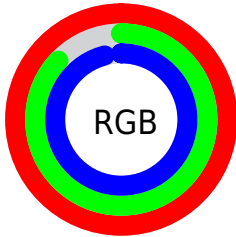
Format	Color
R_{YB}	254, 223, 245
Decimal	16703477
CIE _{Lab}	91.88, 14.33, -6.77
CIE _{LCh}	92, 15.847, 334.713
Yxy	80.4388, 0.3200, 0.3074
Android (android.graphics.Color)	4294893557 (0xFFFE _{DF} F5)
YUV	234.7770, 5.0399, 16.8586
Hunter-Lab	89.6877, 9.7136, -1.6723

Details

The XYZ color **83.7422, 80.4388, 97.4987** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.4419, 92.4001, 89.9437**, and the grayscale version is **78.7549, 82.8563, 90.2305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2139, 43.5497, 54.1143** is the 20% darker color. If you saturate the color by 10%, you get **76.3554, 67.4304, 89.5921**, and if you desaturate by 10%, it is **92.1965, 95.5081, 105.9845**.

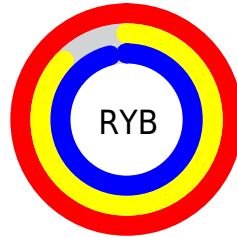
Distribution



Red (100%)

Green (87%)

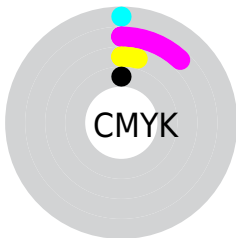
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

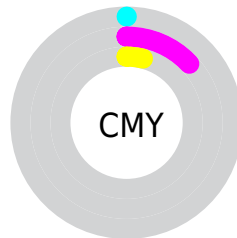


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7422, 80.4388, 97.4987 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 83.7422, 80.4388, 97.4987 by changing the saturation by 10% instead.


 83.7422, 80.4388,
97.4987

 83.7422, 80.4388,
97.4987


496.0033,
496.4104, 573.3212

 63.1216, 60.0795,
73.6081


137.5376,
133.9825, 159.7373

 46.1986, 43.4827,
53.9785

171.4432,
167.9357, 198.9224

 32.6079, 30.2640,
38.1914


210.5077,
207.1889, 244.0426

 21.9840, 20.0391,
25.8283

255.0967,
252.1267, 295.5167

 13.9617, 12.4235,
16.4706

305.5753,
303.1333, 353.7630

 8.1755, 7.0328,
9.6998

362.3091,

 4.2602, 3.4826,

360.5932, 419.2002

5.0974

425.6633,
424.8908, 492.2467

■ 1.8504, 1.3886,
2.2448

■ 0.5477, 0.2083,
0.7000

■ 83.7422, 80.4388,
97.4987

■ 83.7422, 80.4388,
97.4987

■ 76.3554, 67.4304,
89.5921

■ 92.1965, 95.5081,
105.9845

■ 69.9835, 56.3818,
82.2418

94.6836, 99.8111,
108.8829

■ 64.5796, 47.1991,
75.4304

■ 60.0904, 39.7766,
69.1377

■ 56.4574, 33.9980,
63.3414

■ 53.6149, 29.7328,
58.0168

■ 51.4872, 26.8305,
53.1359

■ 49.9831, 25.1097,
48.6656

■ 49.1371, 24.3765,
45.4276

Harmonies

Analogous

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



80.9928, 80.4388, 107.3046



83.7422, 80.4388, 97.4987



84.5123, 80.4388, 85.7578

Triad

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



83.7422, 80.4388, 97.4987



75.8143, 80.4388, 67.1147



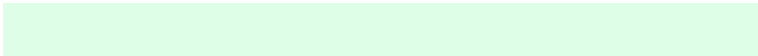
70.2077, 80.4388, 100.9606

Complementary

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



83.7422, 80.4388, 97.4987



80.4419, 92.4001, 89.9437

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.



68.9262, 80.4388, 89.4363



83.7422, 80.4388, 97.4987



72.0893, 80.4388, 70.4412

Square

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



83.7422, 80.4388, 97.4987



79.8424, 80.4388, 68.8625



69.6027, 80.4388, 78.3657



73.1642, 80.4388, 109.4243

Rectangle

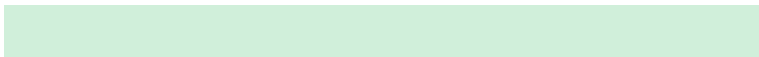
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.7422, 80.4388, 97.4987



83.7774, 80.4388, 78.5547



69.6027, 80.4388, 78.3657



69.5716, 80.4388, 97.2803

Sweetspot

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



83.7445, 80.4423, 97.5004



91.4087, 93.4746, 105.3519



77.4888, 77.0547, 104.5562



19.4229, 19.7530, 22.4091



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.



83.7445, 80.4423, 97.5004



82.3014, 77.2821, 96.0823



81.5067, 79.5472, 85.7164



18.5546, 18.2052, 21.5378



25.9726, 12.8783, 24.3041



2.5764, 1.2729, 2.6167

Inverse Universe

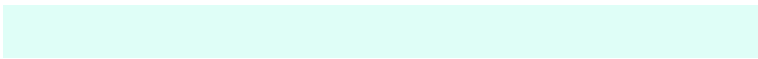
The Inverse Universe completely reimagines the original color for something new.



83.7445, 80.4423, 97.5004



82.3014, 77.2821, 96.0823



82.7082, 93.3066, 101.8779



18.5546, 18.2052, 21.5378



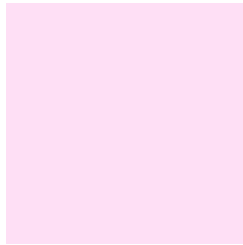
25.9726, 12.8783, 24.3041



2.5764, 1.2729, 2.6167

Previews

White Background



This preview shows how the XYZ color 83.7422, 80.4388, 97.4987 looks on a white background.

Color Contrast Check

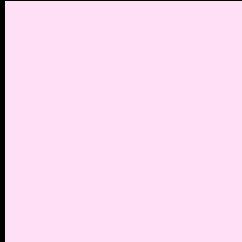
Large Text (above 18pt) WCAG AA × Fail

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 83.7422, 80.4388, 97.4987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

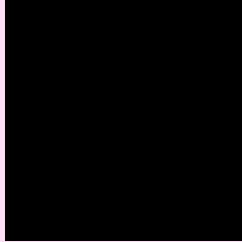
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7422, 80.4388, 97.4987

Background



This preview shows how black text looks on a background with the XYZ color 83.7422, 80.4388, 97.4987.



This preview shows how white text looks on a background with the XYZ color 83.7422, 80.4388,

97.4987.

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

83.7422, 80.4388, 97.4987

Protanopia

78.3507, 80.4221, 101.0160

Deuteranopia

82.4736, 80.5827, 97.5934



Tritanopia

83.0409, 80.5448, 94.3891

Trichromacy



Original Color

83.7422, 80.4388, 97.4987

Protanomaly

80.0090, 80.0662, 100.0443

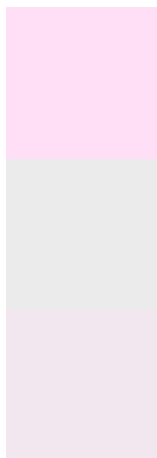
Deuteranomaly

82.9207, 80.4131, 97.5371

Tritanomaly

83.1907, 80.6048, 95.1781

Monochromacy



Original Color

83.7422, 80.4388, 97.4987

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.7739, 82.2611, 93.2821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7422, 80.4388, 97.4987 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(254, 223, 245) looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 245)  
}
```

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(254, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 245) }
```

Border

The CSS property to change the border of an element to XYZ 83.7422, 80.4388, 97.4987 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(254, 223, 245) }
```


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

```
.border{ border-color:rgb(254, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7422, 80.4388, 97.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 245) }
```

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

```
.background{ background-color: rgb(254,  
223, 245) }
```

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