

Converting Colors

XYZ(127.5086, 100.0000,
101.5297)

Have a look what the booklet for
XYZ(127.5086, 100.0000, 101.5297)
contains.

XYZ(82.4837, 76.6382, 99.2522)	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(82.4837, 76.6382,
99.2522)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7F8
RGB	255, 215, 248
RGB Percent	100%, 84%, 97%
CMY	0.0000, 0.1568, 0.0274
CMYK	0.00, 0.16, 0.03, 0.00
HSL	310°, 100%, 92%
HSV	310°, 16%, 100%
XYZ	82.4837, 76.6382, 99.2522
YIQ	230.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

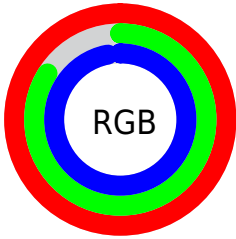
Format	Color
R _Y B	255, 215, 248
Decimal	16766968
CIE Lab	90.15, 19.36, -10.89
CIE LCh	90, 22.213, 330.628
Yxy	76.6382, 0.3192, 0.2966
Android (android.graphics.Color)	4294957048 (0xFFFFD7F8)
YUV	230.7220, 8.5181, 21.2918
Hunter-Lab	87.5432, 14.9829, -5.9398

Details

The XYZ color **82.4837, 76.6382, 99.2522** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.9715, 91.2421, 82.6651**, and the grayscale version is **75.6824, 79.6238, 86.7103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3739, 40.9531, 55.3825** is the 20% darker color. If you saturate the color by 10%, you get **75.8058, 64.3769, 93.6520**, and if you desaturate by 10%, it is **90.1935, 90.9362, 105.2799**.

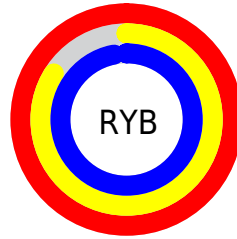
Distribution



Red (100%)

Green (84%)

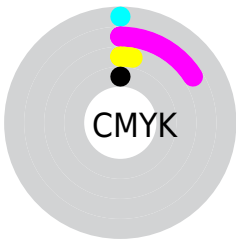
Blue (97%)



Red (100%)

Yellow (84%)

Blue (97%)

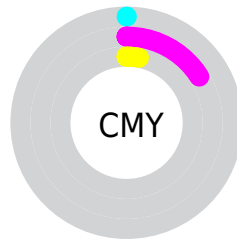


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4837, 76.6382, 99.2522 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 82.4837, 76.6382, 99.2522 by changing the saturation by 10% instead.


 82.4837, 76.6382,
99.2522

 82.4837, 76.6382,
99.2522


491.8742,
483.5296, 579.0187

 62.0798, 56.9560,
75.0628


135.7844,
128.6286, 162.1721

 45.3530, 40.9699,
55.1623


169.4119,
161.7056, 201.7396

 31.9380, 28.2956,
39.1322


208.1779,
200.0164, 247.2702

 21.4695, 18.5486,
26.5539

252.4479,
243.9452, 299.1824

 13.5820, 11.3446,
17.0090

302.5872,
293.8766, 357.8949

 7.9103, 6.2991,
10.0789

358.9611,

 4.0889, 3.0278,

350.1948, 423.8260

5.3450

421.9350,
413.2843, 497.3944

■ 1.7526, 1.1463,
2.3888

■ 0.4888, 0.0171,
0.7804

■ 82.4837, 76.6382,
99.2522

■ 82.4837, 76.6382,
99.2522

■ 75.8058, 64.3769,
93.6520

■ 90.1935, 90.9362,
105.2799

■ 70.1078, 54.0496,
88.4583

95.0500, 100.0000,
108.9000

■ 65.3410, 45.5584,
83.6553

■ 61.4501, 38.7933,
79.2240

■ 58.3742, 33.6326,
75.1436

■ 56.0444, 29.9385,
71.3905

■ 54.3802, 27.5501,
67.9372

■ 53.2817, 26.2682,
64.7499

■ 52.9199, 25.9320,
63.4355

Harmonies

Analogous

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



78.3817, 76.6382, 112.4146



82.4837, 76.6382, 99.2522



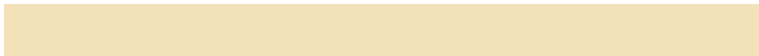
83.9734, 76.6382, 83.1134

Triad

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



82.4837, 76.6382, 99.2522



72.7261, 76.6382, 56.6036



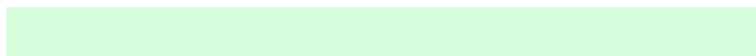
64.0898, 76.6382, 99.9011

Complementary

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



82.4837, 76.6382, 99.2522



76.9715, 91.2421, 82.6651

Split Complementary

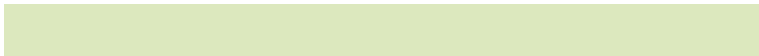
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7411, 76.6382, 83.7794



82.4837, 76.6382, 99.2522



67.5703, 76.6382, 59.9378

Square

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



82.4837, 76.6382, 99.2522



78.1704, 76.6382, 59.6711



63.9831, 76.6382, 69.4138



67.7620, 76.6382, 112.8212

Rectangle

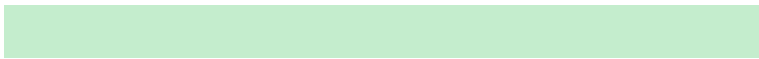
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4837, 76.6382, 99.2522



83.2285, 76.6382, 73.1936



63.9831, 76.6382, 69.4138



63.3582, 76.6382, 94.6136

Sweetspot

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



82.4854, 76.6413, 99.2538



90.7594, 91.9903, 105.7079



72.3756, 71.3017, 104.5557



19.3018, 19.4579, 22.5317



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.



82.4854, 76.6413, 99.2538



80.1587, 72.3538, 97.3500



79.5924, 75.4841, 84.0194



18.6482, 18.2426, 22.0305



27.7017, 13.5700, 33.4090



2.7314, 1.3349, 3.4331

Inverse Universe

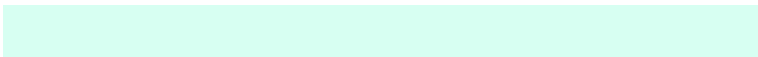
The Inverse Universe completely reimagines the original color for something new.



82.4854, 76.6413, 99.2538



80.1587, 72.3538, 97.3500



79.7633, 92.3589, 97.3668



18.6482, 18.2426, 22.0305



27.7017, 13.5700, 33.4090



2.7314, 1.3349, 3.4331

Previews

White Background



This preview shows how the XYZ color 82.4837, 76.6382, 99.2522 looks on a white background.

Color Contrast Check

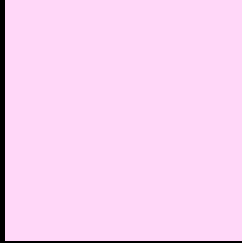
Large Text (above 18pt) WCAG AA × Fail

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 82.4837, 76.6382, 99.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

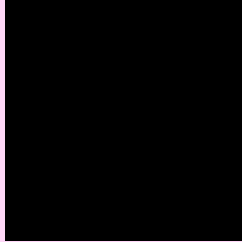
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.4837, 76.6382, 99.2522

Background



This preview shows how black text looks on a background with the XYZ color 82.4837, 76.6382, 99.2522.



This preview shows how white text looks on a background with the XYZ color 82.4837, 76.6382,

99.2522.

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

82.4837, 76.6382, 99.2522

Protanopia

75.4066, 76.7584, 105.4492

Deuteranopia

78.5801, 76.9536, 98.7076



Tritanopia

80.1721, 76.4489, 88.3725

Trichromacy



Original Color

82.4837, 76.6382, 99.2522

Protanomaly

77.6881, 76.4033, 102.7482

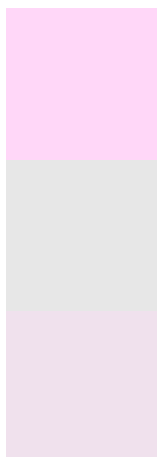
Deuteranomaly

79.7762, 76.7909, 98.6132

Tritanomaly

81.0089, 76.4146, 92.1412

Monochromacy



Original Color

82.4837, 76.6382, 99.2522

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.1465, 78.4901, 91.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4837, 76.6382, 99.2522 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(255, 215, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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(255, 215, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 248) }
```

Border

The CSS property to change the border of an element to XYZ 82.4837, 76.6382, 99.2522 is called "border". The border property can be set on classes, ids or directly on the HTML element.

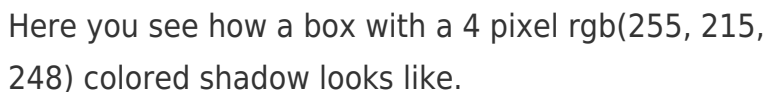
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 248) }
```


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

```
.border{ border-color:rgb(255, 215, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 215, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 248); box-shadow:4px 4px 4px 4px rgb(255, 215, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4837, 76.6382, 99.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 248) }
```

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

```
.background{ background-color: rgb(255,  
215, 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