

Converting Colors

XYZ(83.2706, 79.5936, 93.5460)

Have a look what the booklet for
XYZ(83.2706, 79.5936, 93.5460)
contains.

XYZ(82.8246, 79.2642, 93.3723)	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(82.8246, 79.2642,
93.3723)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDF0
RGB	255, 221, 240
RGB Percent	100%, 87%, 94%
CMY	0.0000, 0.1333, 0.0588
CMYK	0.00, 0.13, 0.06, 0.00
HSL	326°, 100%, 93%
HSV	326°, 13%, 100%
XYZ	82.8246, 79.2642, 93.3723
YIQ	233.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

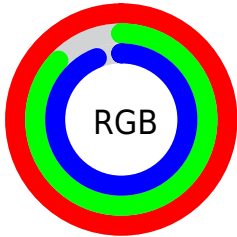
Format	Color
R _Y B	255, 221, 240
Decimal	16768496
CIE Lab	91.35, 14.85, -4.92
CIE LCh	91, 15.640, 341.664
Yxy	79.2642, 0.3242, 0.3103
Android (android.graphics.Color)	4294958576 (0xFFFFDDF0)
YUV	233.3320, 3.2873, 19.0028
Hunter-Lab	89.0304, 10.2544, 0.1398

Details

The XYZ color **82.8246, 79.2642, 93.3723** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7216, 92.9495, 93.0469**, and the grayscale version is **77.6724, 81.7174, 88.9902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5766, 42.7389, 51.1947** is the 20% darker color. If you saturate the color by 10%, you get **74.9767, 66.1606, 82.7649**, and if you desaturate by 10%, it is **91.8023, 94.4608, 104.8698**.

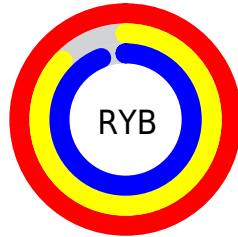
Distribution



Red (100%)

Green (87%)

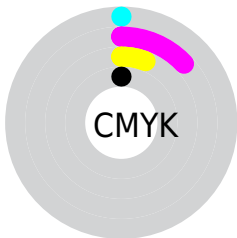
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

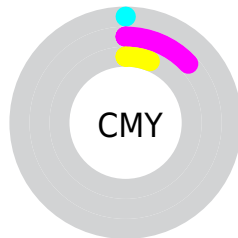


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8246, 79.2642, 93.3723 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 82.8246, 79.2642, 93.3723 by changing the saturation by 10% instead.


 82.8246, 79.2642,
93.3723

 82.8246, 79.2642,
93.3723


492.9946,
492.4497, 559.7915

 62.3619, 59.1131,
70.1916


136.2596,
132.3307, 153.9901

 45.5819, 42.7041,
51.2050


169.9625,
166.0149, 192.2643

 32.1192, 29.6530,
35.9939


208.8096,
204.9789, 236.4067

 21.6086, 19.5754,
24.1398

253.1662,
249.6071, 286.8360

 13.6846, 12.0868,
15.2242

303.3977,
300.2839, 343.9705

 7.9818, 6.8028,
8.8285

359.8693,

 4.1350, 3.3391,

357.3936, 408.2289

4.5342

422.9465,
421.3208, 480.0297

■ 1.7788, 1.3112,
1.9228

■ 0.5049, 0.1499,
0.5072

■ 82.8246, 79.2642,
93.3723

■ 82.8246, 79.2642,
93.3723

■ 74.9767, 66.1606,
82.7649

■ 91.8023, 94.4608,
104.8698

■ 68.2054, 55.0475,
73.0174

95.0500, 100.0000,
108.9000

■ 62.4609, 45.8285,
64.1049

■ 57.6876, 38.3951,
55.9991

■ 53.8242, 32.6279,
48.6695

■ 50.8016, 28.3926,
42.0829

■ 48.5407, 25.5339,
36.2020

■ 46.9451, 23.8629,
30.9836

■ 46.1595, 23.2278,
27.8355

Harmonies

Analogous

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



80.5314, 79.2642, 103.7025



82.8246, 79.2642, 93.3723



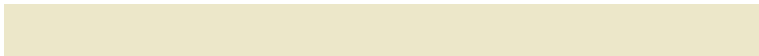
83.0699, 79.2642, 81.9573

Triad

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



82.8246, 79.2642, 93.3723



73.8044, 79.2642, 66.6034



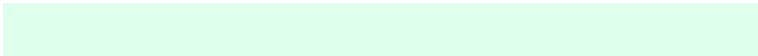
69.7743, 79.2642, 101.6809

Complementary

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



82.8246, 79.2642, 93.3723



80.7216, 92.9495, 93.0469

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.



68.1018, 79.2642, 90.8043



82.8246, 79.2642, 93.3723



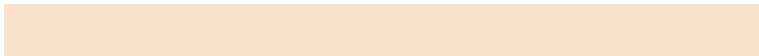
70.3733, 79.2642, 70.9713

Square

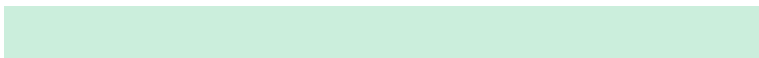
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



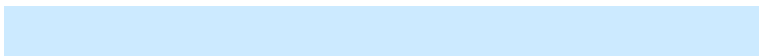
82.8246, 79.2642, 93.3723



77.7671, 79.2642, 67.1594



68.3172, 79.2642, 79.6041



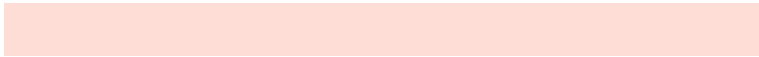
72.9605, 79.2642, 108.7824

Rectangle

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



82.8246, 79.2642, 93.3723



82.0290, 79.2642, 75.3227



68.3172, 79.2642, 79.6041



69.0216, 79.2642, 98.3066

Sweetspot

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



82.8265, 79.2675, 93.3740



91.1657, 93.3774, 104.0725



78.4128, 76.7239, 105.2841



19.3613, 19.7283, 22.0850



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

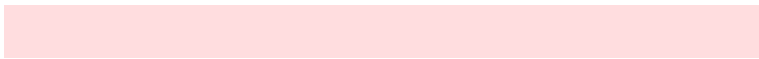
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8265, 79.2675, 93.3740



80.6231, 75.5688, 90.4566



80.4541, 78.3185, 80.8813



18.4344, 18.1571, 20.9047



24.1957, 12.1676, 14.9470



2.4108, 1.2067, 1.7449

Inverse Universe

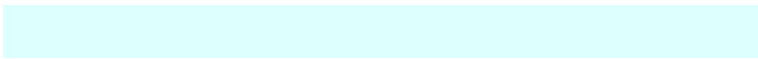
The Inverse Universe completely reimagines the original color for something new.



82.8265, 79.2675, 93.3740



80.6231, 75.5688, 90.4566



83.2679, 93.9680, 106.4552



18.4344, 18.1571, 20.9047



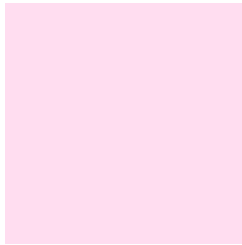
24.1957, 12.1676, 14.9470



2.4108, 1.2067, 1.7449

Previews

White Background



This preview shows how the XYZ color 82.8246, 79.2642, 93.3723 looks on a white background.

Color Contrast Check

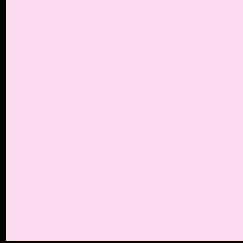
Large Text (above 18pt) WCAG AA × Fail

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 82.8246, 79.2642, 93.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

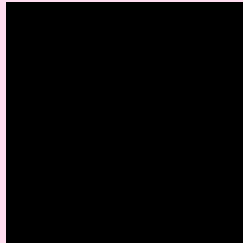
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8246, 79.2642, 93.3723

Background



This preview shows how black text looks on a background with the XYZ color 82.8246, 79.2642, 93.3723.



This preview shows how white text looks on a background with the XYZ color 82.8246, 79.2642,

93.3723.

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

82.8246, 79.2642, 93.3723

Protanopia

77.1339, 79.4542, 97.6570

Deuteranopia

81.1828, 79.2064, 93.4476



Tritanopia

82.6764, 79.2049, 92.5919

Trichromacy



Original Color

82.8246, 79.2642, 93.3723

Protanomaly

78.9706, 79.2145, 95.9217

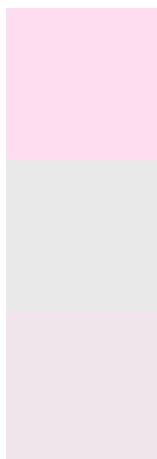
Deuteranomaly

81.6331, 79.0431, 93.3924

Tritanomaly

82.6764, 79.2049, 92.5919

Monochromacy



Original Color

82.8246, 79.2642, 93.3723

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.4353, 80.7955, 90.7653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8246, 79.2642, 93.3723 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, 221, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 240)  
}
```

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, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.8246, 79.2642, 93.3723 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, 221, 240) }
```


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

```
.border{ border-color:rgb(255, 221, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8246, 79.2642, 93.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 240) }
```

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

```
.background{ background-color: rgb(255,  
221, 240) }
```

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