

Converting Colors

XYZ(94.5311, 87.8224, 94.6457)

Have a look what the booklet for
XYZ(94.5311, 87.8224, 94.6457)
contains.

XYZ(84.4373, 82.4894, 93.9098)	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(84.4373, 82.4894,
93.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F0
RGB	255, 227, 240
RGB Percent	100%, 89%, 94%
CMY	0.0000, 0.1098, 0.0588
CMYK	0.00, 0.11, 0.06, 0.00
HSL	332°, 100%, 95%
HSV	332°, 11%, 100%
XYZ	84.4373, 82.4894, 93.9098
YIQ	236.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

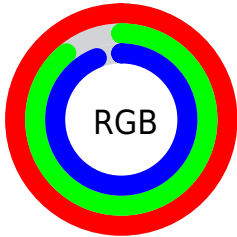
Format	Color
R_{YB}	255, 227, 240
Decimal	16770032
CIE _{Lab}	92.79, 11.73, -2.81
CIE _{LCh}	93, 12.064, 346.546
Yxy	82.4894, 0.3237, 0.3162
Android (android.graphics.Color)	4294960112 (0xFFFFE3F0)
YUV	236.8540, 1.5510, 15.9140
Hunter-Lab	90.8237, 7.0071, 2.2719

Details

The XYZ color **84.4373, 82.4894, 93.9098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4680, 94.2629, 97.8031**, and the grayscale version is **80.3673, 84.5527, 92.0778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6930, 44.9715, 51.5668** is the 20% darker color. If you saturate the color by 10%, you get **76.0189, 68.7792, 81.4650**, and if you desaturate by 10%, it is **94.0450, 98.3332, 107.5073**.

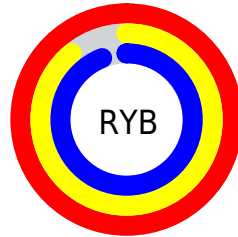
Distribution



Red (100%)

Green (89%)

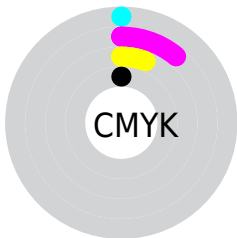
Blue (94%)



Red (100%)

Yellow (89%)

Blue (94%)

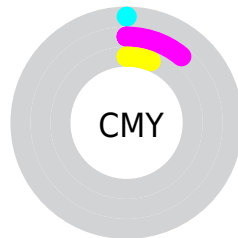


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4373, 82.4894, 93.9098 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 84.4373, 82.4894, 93.9098 by changing the saturation by 10% instead.

 84.4373, 82.4894,
93.9098

 84.4373, 82.4894,
93.9098


498.2760,
503.2832, 561.5638

 63.6975, 61.7690,
70.6361


138.5048,
136.8601, 154.7402

 46.6665, 44.8461,
51.5652


172.5632,
171.2792, 193.1339

 32.9789, 31.3362,
36.2788


211.7919,
211.0333, 237.4047

 22.2694, 20.8550,
24.3582

256.5561,
256.5069, 287.9711

 14.1727, 13.0181,
15.3849

307.2213,
308.0843, 345.2517

 8.3234, 7.4410,
8.9403

364.1527,

 4.3561, 3.7394,

366.1498, 409.6650

4.6060

427.7159,
431.0880, 481.6295

■ 1.9055, 1.5289,
1.9633

■ 0.5800, 0.3089,
0.5326

■ 84.4373, 82.4894,
93.9098

■ 84.4373, 82.4894,
93.9098

■ 76.0189, 68.7792,
81.4650

94.0450, 98.3332,
107.5073

■ 68.7358, 57.1007,
70.1350

95.0500, 100.0000,
108.9000

■ 62.5378, 47.3587,
59.8870

■ 57.3686, 39.4464,
50.6848

■ 53.1666, 33.2465,
42.4892

■ 49.8632, 28.6279,
35.2583

■ 47.3799, 25.4404,
28.9459

■ 45.6232, 23.5037,
23.4999

■ 44.5326, 22.5770,
19.2684

Harmonies

Analogous

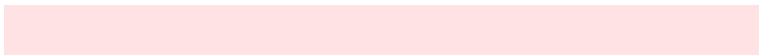
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8789, 82.4894, 102.2712



84.4373, 82.4894, 93.9098



84.3486, 82.4894, 84.9715

Triad

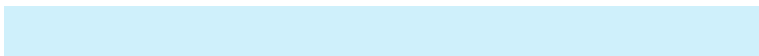
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4373, 82.4894, 93.9098



76.6930, 82.4894, 74.2075



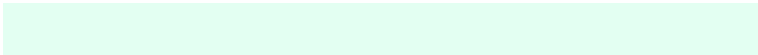
74.3150, 82.4894, 102.9938

Complementary

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



84.4373, 82.4894, 93.9098



83.4680, 94.2629, 97.8031

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.



72.7449, 82.4894, 94.8431



84.4373, 82.4894, 93.9098



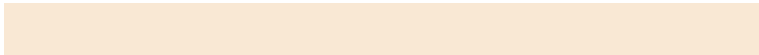
74.0925, 82.4894, 78.4171

Square

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



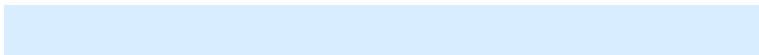
84.4373, 82.4894, 93.9098



79.8201, 82.4894, 73.9947



72.6646, 82.4894, 85.8447



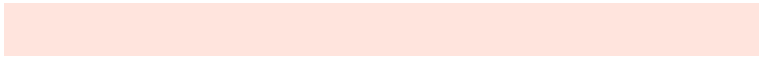
77.0042, 82.4894, 107.7477

Rectangle

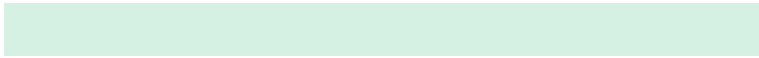
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



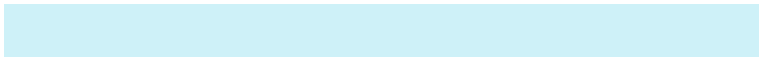
84.4373, 82.4894, 93.9098



83.3663, 82.4894, 79.8876



72.6646, 82.4894, 85.8447



73.6421, 82.4894, 100.5367

Sweetspot

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



84.4391, 82.4927, 93.9115



92.0049, 94.9546, 104.6642



82.1167, 81.0273, 105.9196



19.5226, 20.0428, 22.1640



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

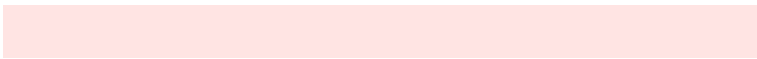
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4391, 82.4927, 93.9115



82.6425, 79.5513, 91.3033



82.8325, 82.2596, 84.1892



18.3602, 18.1274, 20.5141



23.3429, 11.8265, 10.4561



2.3273, 1.1733, 1.3051

Inverse Universe

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



84.4391, 82.4927, 93.9115



82.6425, 79.5513, 91.3033



85.1934, 94.4779, 108.3536



18.3602, 18.1274, 20.5141



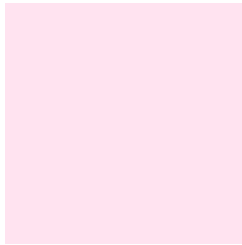
23.3429, 11.8265, 10.4561



2.3273, 1.1733, 1.3051

Previews

White Background



This preview shows how the XYZ color 84.4373, 82.4894, 93.9098 looks on a white background.

Color Contrast Check

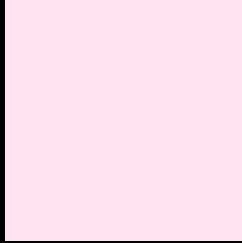
Large Text (above 18pt) WCAG AA × Fail

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 84.4373, 82.4894, 93.9098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

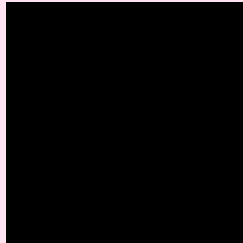
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4373, 82.4894, 93.9098

Background



This preview shows how black text looks on a background with the XYZ color 84.4373, 82.4894, 93.9098.



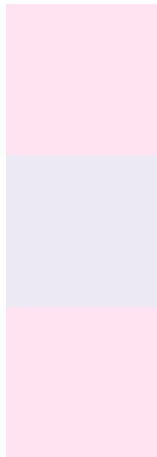
This preview shows how white text looks on a background with the XYZ color 84.4373, 82.4894,

93.9098.

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

84.4373, 82.4894, 93.9098

Protanopia

80.0601, 82.6423, 97.3199

Deuteranopia

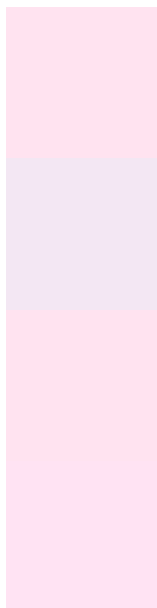
84.4373, 82.4894, 93.9098



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

84.4373, 82.4894, 93.9098

Protanomaly

81.7157, 82.6776, 96.4455

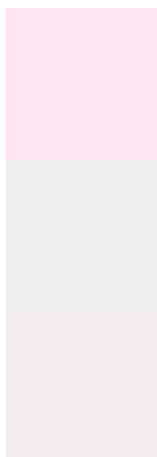
Deuteranomaly

84.4373, 82.4894, 93.9098

Tritanomaly

84.8867, 82.6692, 96.2768

Monochromacy



Original Color

84.4373, 82.4894, 93.9098

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.8798, 83.6840, 92.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4373, 82.4894, 93.9098 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, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 240) }
```

Border

The CSS property to change the border of an element to XYZ 84.4373, 82.4894, 93.9098 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, 227, 240) }
```


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

```
.border{ border-color:rgb(255, 227, 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, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4373, 82.4894, 93.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 240) }
```

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

```
.background{ background-color: rgb(255,  
227, 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