

Converting Colors

XYZ(84.3892, 84.2501, 93.6912)

Have a look what the booklet for
XYZ(84.3892, 84.2501, 93.6912)
contains.

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Color

**XYZ(84.3008, 84.0793,
93.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE7EF
RGB	252, 231, 239
RGB Percent	99%, 91%, 94%
CMY	0.0118, 0.0941, 0.0627
CMYK	0.00, 0.08, 0.05, 0.01
HSL	337°, 78%, 95%
HSV	337°, 8%, 99%
XYZ	84.3008, 84.0793, 93.4471
YIQ	238.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

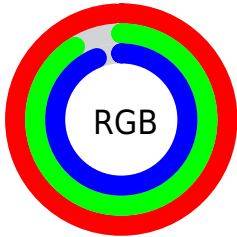
Format	Color
R _Y B	252, 231, 239
Decimal	16574447
CIE Lab	93.48, 8.48, -1.30
CIE LCh	93, 8.579, 351.309
Yxy	84.0793, 0.3220, 0.3211
Android (android.graphics.Color)	4294764527 (0xFFFC E7EF)
YUV	238.1910, 0.3988, 12.1105
Hunter-Lab	91.6948, 3.6405, 3.7633

Details

The XYZ color **84.3008, 84.0793, 93.4471** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0978, 93.1436, 99.1387**, and the grayscale version is **81.4096, 85.6492, 93.2720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3829, 45.6809, 51.1724** is the 20% darker color. If you saturate the color by 10%, you get **75.5430, 70.0941, 79.6418**, and if you desaturate by 10%, it is **93.8918, 99.4103, 108.5141**.

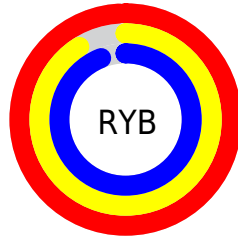
Distribution



Red (99%)

Green (91%)

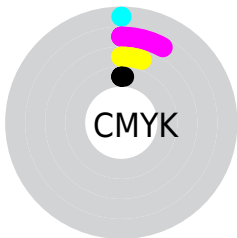
Blue (94%)



Red (99%)

Yellow (91%)

Blue (94%)

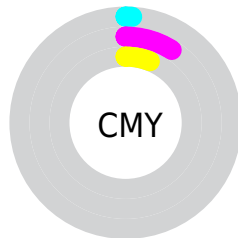


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3008, 84.0793, 93.4471 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 84.3008, 84.0793, 93.4471 by changing the saturation by 10% instead.


 84.3008, 84.0793,
93.4471

 84.3008, 84.0793,
93.4471

497.8302,
508.5765, 560.0383

 63.5844, 63.0809,
70.2534


138.3150,
139.0861, 154.0945

 46.5745, 45.9067,
51.2551


172.3434,
173.8633, 192.3854

 32.9060, 32.1722,
36.0335


211.5398,
214.0022, 236.5457

 22.2133, 21.4930,
24.1702

256.2697,
259.8873, 286.9940

 14.1312, 13.4849,
15.2466

306.8983,
311.9028, 344.1489

 8.2943, 7.7633,
8.8441

363.7910,

 4.3372, 3.9438,

370.4333, 408.4289

4.5442

427.3132,
435.8631, 480.2525

■ 1.8946, 1.6422,
1.9284

■ 0.5737, 0.3858,
0.5107

■ 84.3008, 84.0793,
93.4471

■ 84.3008, 84.0793,
93.4471

■ 75.5430, 70.0941,
79.6418

93.8918, 99.4103,
108.5141

■ 67.9491, 58.1273,
67.1806

93.9554, 99.4357,
108.8488

■ 61.4700, 48.0879,
56.0225

■ 56.0502, 39.8736,
46.1223

■ 51.6292, 33.3726,
37.4316

■ 48.1401, 28.4607,
29.8987

■ 45.5073, 24.9965,
23.4674

■ 43.6420, 22.8133,
18.0750

■ 42.4227, 21.6797,
13.6459

Harmonies

Analogous

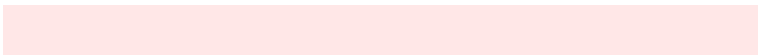
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3650, 84.0793, 99.5742



84.3008, 84.0793, 93.4471



84.0442, 84.0793, 87.0869

Triad

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



84.3008, 84.0793, 93.4471



78.3416, 84.0793, 80.4054



77.2213, 84.0793, 101.6397

Complementary

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



84.3008, 84.0793, 93.4471



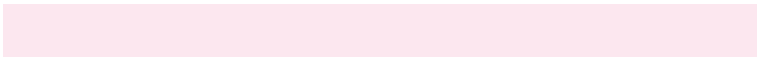
84.0978, 93.1436, 99.1387

Split Complementary

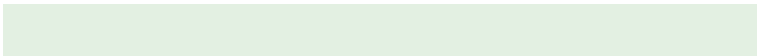
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9230, 84.0793, 96.1590



84.3008, 84.0793, 93.4471



76.5613, 84.0793, 83.9653

Square

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



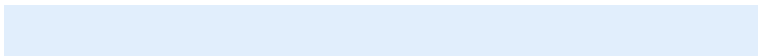
84.3008, 84.0793, 93.4471



80.5752, 84.0793, 79.7560



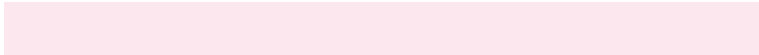
75.6837, 84.0793, 89.6749



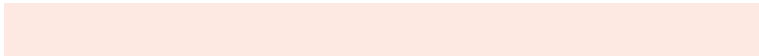
79.2581, 84.0793, 104.4486

Rectangle

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



84.3008, 84.0793, 93.4471



83.2334, 84.0793, 83.5536



75.6837, 84.0793, 89.6749



76.6857, 84.0793, 100.0368

Sweetspot

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



84.3032, 84.0830, 93.4489



92.9402, 96.5874, 105.7092



83.4405, 83.4083, 103.7982



19.9151, 20.7094, 22.6597



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

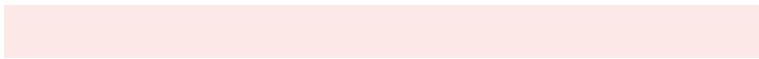
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3032, 84.0830, 93.4489



85.0090, 83.8202, 93.5233



83.8381, 85.0016, 87.5939



17.5181, 17.3346, 19.3181



22.0771, 11.2466, 7.1144



2.0945, 1.0616, 0.9213

Inverse Universe

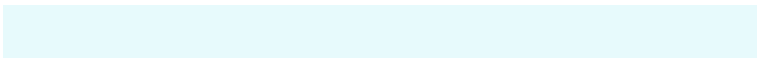
The Inverse Universe completely reimagines the original color for something new.



84.3032, 84.0830, 93.4489



85.0090, 83.8202, 93.5233



84.5744, 92.1114, 105.4183



17.5181, 17.3346, 19.3181



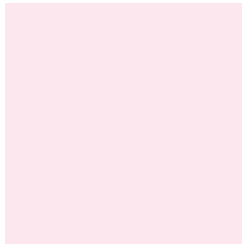
22.0771, 11.2466, 7.1144



2.0945, 1.0616, 0.9213

Previews

White Background



This preview shows how the XYZ color 84.3008, 84.0793, 93.4471 looks on a white background.

Color Contrast Check

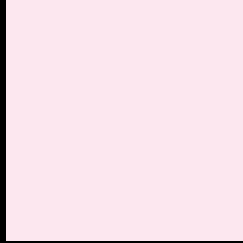
Large Text (above 18pt) WCAG AA × Fail

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 84.3008, 84.0793, 93.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

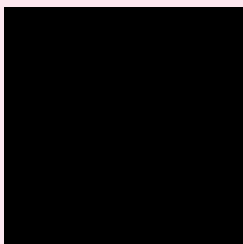
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3008, 84.0793, 93.4471

Background



This preview shows how black text looks on a background with the XYZ color 84.3008, 84.0793, 93.4471.



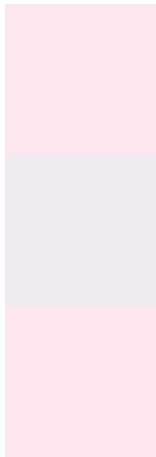
This preview shows how white text looks on a background with the XYZ color 84.3008, 84.0793,

93.4471.

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

84.3008, 84.0793, 93.4471

Protanopia

81.1821, 84.1183, 95.1768

Deuteranopia

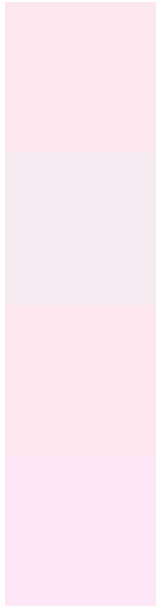
85.1168, 84.0856, 93.4054



Tritanopia

85.7481, 84.2536, 100.5501

Trichromacy



Original Color

84.3008, 84.0793, 93.4471

Protanomaly

82.4592, 84.3700, 94.3770

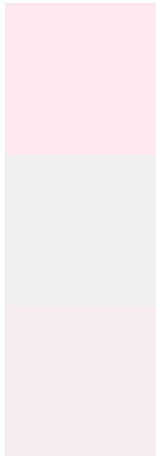
Deuteranomaly

84.7499, 83.8965, 93.3882

Tritanomaly

85.2863, 84.0688, 98.1180

Monochromacy



Original Color

84.3008, 84.0793, 93.4471

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.1031, 84.6444, 92.8996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3008, 84.0793, 93.4471 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, 231, 239) looks like.

```
.text, #text, p{  
    color:rgb(252, 231, 239)  
}
```

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, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 231, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.3008, 84.0793, 93.4471 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, 231, 239) }
```


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

```
.border{ border-color:rgb(252, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 231,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3008, 84.0793, 93.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 231, 239) }
```

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

```
.background{ background-color: rgb(252,  
231, 239) }
```

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](#).

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