

Converting Colors

XYZ(83.9882, 82.9464, 95.0751)

Have a look what the booklet for
XYZ(83.9882, 82.9464, 95.0751)
contains.

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Color

**XYZ(84.0414, 83.0849,
94.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE5F1
RGB	252, 229, 241
RGB Percent	99%, 90%, 95%
CMY	0.0118, 0.1019, 0.0549
CMYK	0.00, 0.09, 0.04, 0.01
HSL	329°, 79%, 94%
HSV	329°, 9%, 99%
XYZ	84.0414, 83.0849, 94.8266
YIQ	237.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

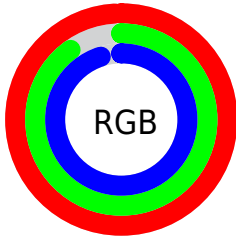
Format	Color
R_{YB}	252, 229, 241
Decimal	16573937
CIE Lab	93.05, 9.85, -2.97
CIE LCh	93, 10.294, 343.206
Yxy	83.0849, 0.3208, 0.3172
Android (android.graphics.Color)	4294764017 (0xFFFCCE5F1)
YUV	237.2450, 1.8512, 12.9401
Hunter-Lab	91.1509, 5.0634, 2.1248

Details

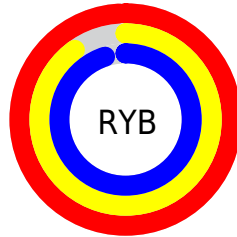
The XYZ color **84.0414, 83.0849, 94.8266** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8549, 92.5724, 95.9439**, and the grayscale version is **80.6678, 84.8688, 92.4222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3987, 45.3770, 52.2121** is the 20% darker color. If you saturate the color by 10%, you get **75.8276, 69.4433, 83.4973**, and if you desaturate by 10%, it is **93.3912, 98.8056, 107.1244**.

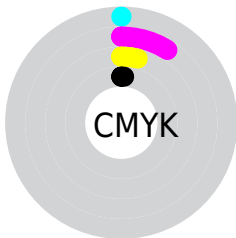
Distribution



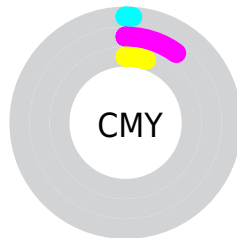
- Red (99%)
- Green (90%)
- Blue (95%)



- Red (99%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0414, 83.0849, 94.8266 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 84.0414, 83.0849, 94.8266 by changing the saturation by 10% instead.


 84.0414, 83.0849,
94.8266

 84.0414, 83.0849,
94.8266


496.9823,
505.2694, 564.5799

 63.3694, 62.2602,
71.3946


137.9540,
137.6944, 156.0185

 46.3999, 45.2430,
52.1804


171.9254,
172.2479, 194.6155

 32.7675, 31.6489,
36.7657


211.0607,
212.1465, 239.1046

 22.1068, 21.0934,
24.7318

255.7252,
257.7746, 289.9043

 14.0524, 13.1923,
15.6601

306.2842,
309.5165, 347.4331

 8.2391, 7.5611,
9.1322

363.1032,

 4.3014, 3.8154,

367.7567, 412.1096

4.7295

426.5474,
432.8796, 484.3523

■ 1.8740, 1.5709,
2.0335

■ 0.5617, 0.3378,
0.5758

■ 84.0414, 83.0849,
94.8266

■ 84.0414, 83.0849,
94.8266

■ 75.8276, 69.4433,
83.4973

■ 93.3912, 98.8056,
107.1244

■ 68.6970, 57.7822,
73.1047

■ 93.9555, 99.4357,
108.8488

■ 62.6030, 48.0111,
63.6227

■ 57.4929, 40.0283,
55.0216

■ 53.3089, 33.7223,
47.2698

■ 49.9869, 28.9692,
40.3331

■ 47.4540, 25.6274,
34.1739

■ 45.6241, 23.5292,
28.7497

■ 44.3693, 22.4236,
24.0032

Harmonies

Analogous

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



82.5751, 83.0849, 101.7334



84.0414, 83.0849, 94.8266



84.1291, 83.0849, 87.1131

Triad

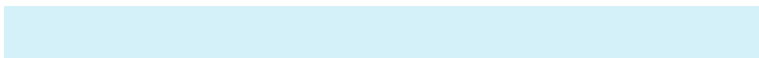
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0414, 83.0849, 94.8266



77.7904, 83.0849, 76.7572



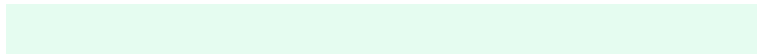
75.2482, 83.0849, 101.0238

Complementary

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



84.0414, 83.0849, 94.8266



82.8549, 92.5724, 95.9439

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.



74.0257, 83.0849, 93.9024



84.0414, 83.0849, 94.8266



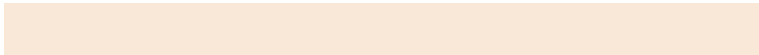
75.4708, 83.0849, 80.0616

Square

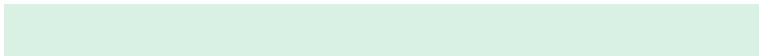
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



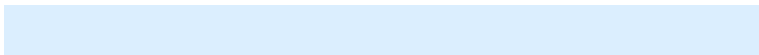
84.0414, 83.0849, 94.8266



80.4782, 83.0849, 76.9732



74.1063, 83.0849, 86.2399



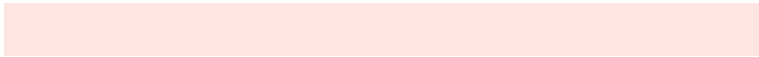
77.4802, 83.0849, 105.4486

Rectangle

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



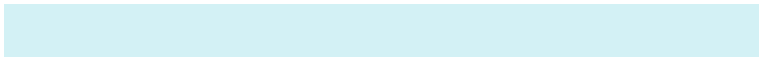
84.0414, 83.0849, 94.8266



83.3906, 83.0849, 82.5696



74.1063, 83.0849, 86.2399



74.7078, 83.0849, 98.8490

Sweetspot

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



84.0438, 83.0885, 94.8284



92.0742, 94.9823, 105.0292



81.4378, 81.5495, 103.5452



19.5413, 20.0502, 22.2624



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

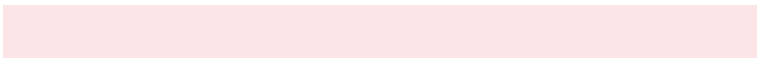
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0438, 83.0885, 94.8284



84.6597, 82.5566, 95.1488



82.4173, 82.4379, 86.2636



17.6228, 17.3765, 19.8694



23.1371, 11.6706, 12.6965



2.1965, 1.1023, 1.4582

Inverse Universe

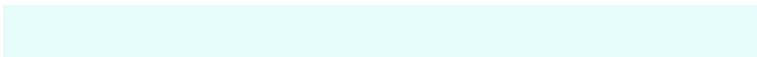
The Inverse Universe completely reimagines the original color for something new.



84.0438, 83.0885, 94.8284



84.6597, 82.5566, 95.1488



84.5755, 93.2606, 105.0047



17.6228, 17.3765, 19.8694



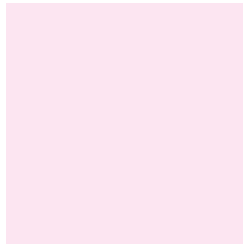
23.1371, 11.6706, 12.6965



2.1965, 1.1023, 1.4582

Previews

White Background



This preview shows how the XYZ color 84.0414, 83.0849, 94.8266 looks on a white background.

Color Contrast Check

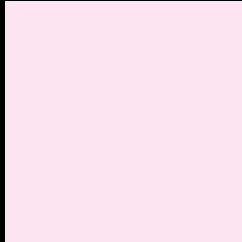
Large Text (above 18pt) WCAG AA × Fail

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 84.0414, 83.0849, 94.8266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

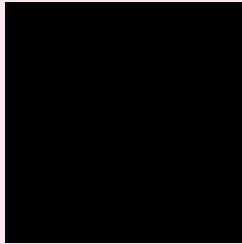
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0414, 83.0849, 94.8266

Background



This preview shows how black text looks on a background with the XYZ color 84.0414, 83.0849, 94.8266.



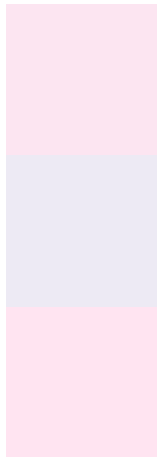
This preview shows how white text looks on a background with the XYZ color 84.0414, 83.0849,

94.8266.

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

84.0414, 83.0849, 94.8266

Protanopia

80.6770, 83.3818, 97.4301

Deuteranopia

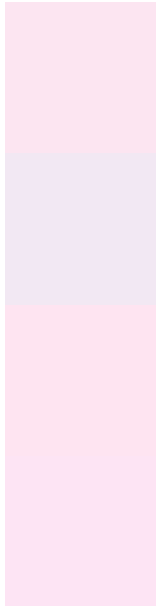
84.8606, 83.0977, 94.7859



Tritanopia

84.8860, 83.0233, 98.7399

Trichromacy



Original Color

84.0414, 83.0849, 94.8266

Protanomaly

81.6522, 83.0615, 96.5230

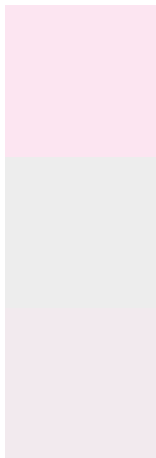
Deuteranomaly

84.4936, 82.9085, 94.7687

Tritanomaly

84.5805, 82.9011, 97.1316

Monochromacy



Original Color

84.0414, 83.0849, 94.8266

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4734, 83.8959, 92.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0414, 83.0849, 94.8266 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, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(252, 229, 241)  
}
```

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, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 241) }
```

Border

The CSS property to change the border of an element to XYZ 84.0414, 83.0849, 94.8266 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, 229, 241) }
```


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

```
.border{ border-color:rgb(252, 229, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 229, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0414, 83.0849, 94.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 241) }
```

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

```
.background{ background-color: rgb(252,  
229, 241) }
```

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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