

Converting Colors

XYZ(84.4864, 83.7095, 95.7905)

Have a look what the booklet for
XYZ(84.4864, 83.7095, 95.7905)
contains.

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Color

**XYZ(84.4687, 83.6999,
95.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6F2
RGB	252, 230, 242
RGB Percent	99%, 90%, 95%
CMY	0.0118, 0.0980, 0.0510
CMYK	0.00, 0.09, 0.04, 0.01
HSL	327°, 79%, 95%
HSV	327°, 9%, 99%
XYZ	84.4687, 83.6999, 95.7081
YIQ	237.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

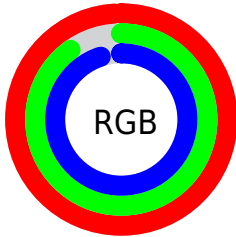
Format	Color
R _Y B	252, 230, 242
Decimal	16574194
CIE Lab	93.32, 9.51, -3.10
CIE LCh	93, 10.003, 341.937
Yxy	83.6999, 0.3201, 0.3172
Android (android.graphics.Color)	4294764274 (0xFFFC6F2)
YUV	237.9460, 1.9986, 12.3254
Hunter-Lab	91.4876, 4.7021, 2.0162

Details

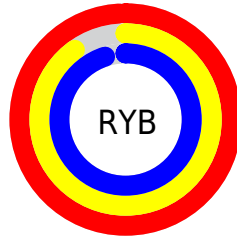
The XYZ color **84.4687, 83.6999, 95.7081** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1749, 92.7373, 95.9589**, and the grayscale version is **81.2083, 85.4375, 93.0414**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5047, 45.4194, 52.7701** is the 20% darker color. If you saturate the color by 10%, you get **76.2898, 70.0093, 84.7569**, and if you desaturate by 10%, it is **93.7081, 99.3368, 107.5468**.

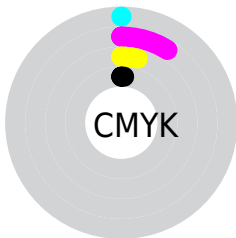
Distribution



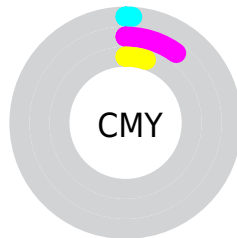
- Red (99%)
- Green (90%)
- Blue (95%)



- 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 84.4687, 83.6999, 95.7081 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 84.4687, 83.6999, 95.7081 by changing the saturation by 10% instead.


 84.4687, 83.6999,
95.7081

 84.4687, 83.6999,
95.7081

498.3786,
507.3162, 567.4716

 63.7235, 62.7677,
72.1243


138.5485,
138.5553, 157.2465

 46.6876, 45.6533,
52.7728


172.6138,
173.2473, 196.0382

 32.9957, 31.9723,
37.2349


211.8498,
213.2947, 240.7363

 22.2823, 21.3404,
25.0922

256.6220,
259.0818, 291.7593

 14.1823, 13.3730,
15.9261

307.2955,
310.9932, 349.5258

 8.3301, 7.6859,
9.3181

364.2359,

 4.3605, 3.8946,

369.4131, 414.4543

4.8496

427.8085,
434.7259, 486.9634

■ 1.9080, 1.6148,
2.1021

■ 0.5815, 0.3675,
0.6170

■ 84.4687, 83.6999,
95.7081

■ 84.4687, 83.6999,
95.7081

■ 76.2898, 70.0093,
84.7569

■ 93.7081, 99.3368,
107.5468

■ 69.1849, 58.2983,
74.6848

■ 93.9554, 99.4357,
108.8488

■ 63.1079, 48.4769,
65.4677

■ 58.0064, 40.4439,
57.0778

■ 53.8234, 34.0883,
49.4856

■ 50.4954, 29.2868,
42.6591

■ 47.9504, 25.8991,
36.5628

■ 46.1033, 23.7587,
31.1569

■ 44.8323, 22.6261,
26.3884

Harmonies

Analogous

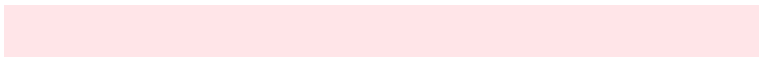
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9884, 83.6999, 102.3598



84.4687, 83.6999, 95.7081



84.6146, 83.6999, 88.1666

Triad

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



84.4687, 83.6999, 95.7081



78.5109, 83.6999, 77.6636



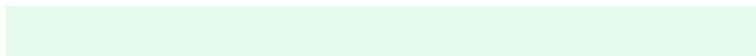
75.8448, 83.6999, 101.1799

Complementary

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



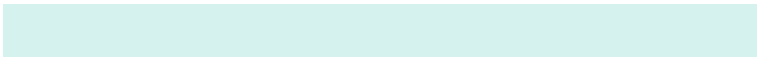
84.4687, 83.6999, 95.7081



83.1749, 92.7373, 95.9589

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.



74.6998, 83.6999, 94.1692



84.4687, 83.6999, 95.7081



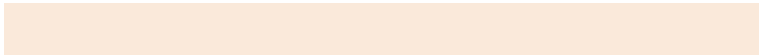
76.2162, 83.6999, 80.7623

Square

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



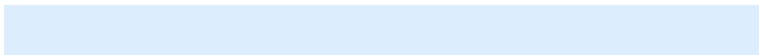
84.4687, 83.6999, 95.7081



81.1354, 83.6999, 78.0249



74.8342, 83.6999, 86.7099



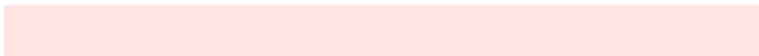
77.9937, 83.6999, 105.6370

Rectangle

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



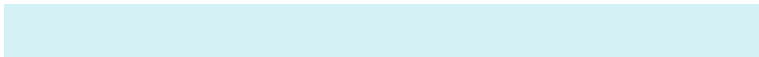
84.4687, 83.6999, 95.7081



83.9315, 83.6999, 83.6730



74.8342, 83.6999, 86.7099



75.3319, 83.6999, 99.0278

Sweetspot

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



84.4711, 83.7035, 95.7099



92.1029, 94.9938, 105.1802



81.7719, 82.1338, 103.6401



19.5491, 20.0533, 22.3032



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

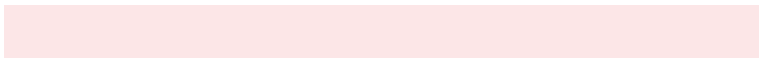
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4711, 83.7035, 95.7099



85.6371, 84.0714, 96.8304



82.8826, 83.0681, 87.3450



17.6406, 17.3836, 19.9633



23.3556, 11.7580, 13.8470



2.2166, 1.1104, 1.5641

Inverse Universe

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



84.4711, 83.7035, 95.7099



85.6371, 84.0714, 96.8304



84.8429, 93.4045, 104.7426



17.6406, 17.3836, 19.9633



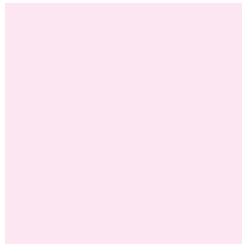
23.3556, 11.7580, 13.8470



2.2166, 1.1104, 1.5641

Previews

White Background



This preview shows how the XYZ color 84.4687, 83.6999, 95.7081 looks on a white background.

Color Contrast Check

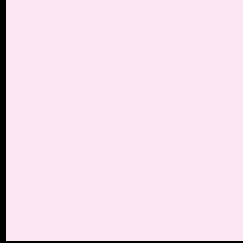
Large Text (above 18pt) WCAG AA × Fail

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 84.4687, 83.6999, 95.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

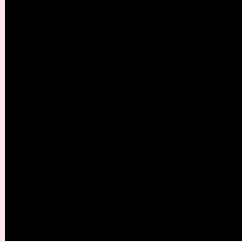
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4687, 83.6999, 95.7081

Background



This preview shows how black text looks on a background with the XYZ color 84.4687, 83.6999, 95.7081.



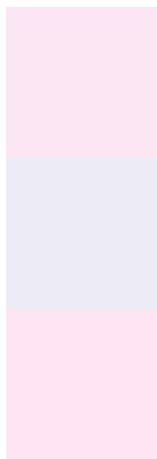
This preview shows how white text looks on a background with the XYZ color 84.4687, 83.6999,

95.7081.

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

84.4687, 83.6999, 95.7081

Protanopia

81.1148, 84.0138, 98.3273

Deuteranopia

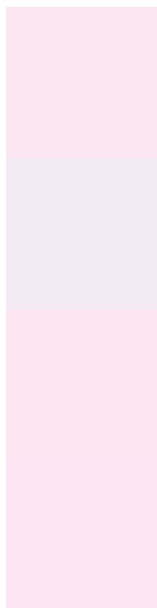
85.2863, 83.7094, 95.6669



Tritanopia

85.3158, 83.6367, 99.6426

Trichromacy



Original Color

84.4687, 83.6999, 95.7081

Protanomaly

82.0860, 83.6867, 97.4147

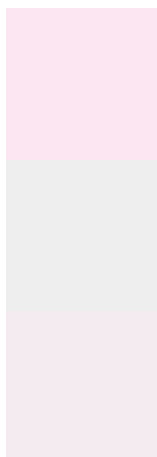
Deuteranomaly

84.9194, 83.5203, 95.6497

Tritanomaly

85.0088, 83.5138, 98.0255

Monochromacy



Original Color

84.4687, 83.6999, 95.7081

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.2505, 84.7033, 93.6757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4687, 83.6999, 95.7081 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, 230, 242) looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 242)  
}
```

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, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.4687, 83.6999, 95.7081 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, 230, 242) }
```


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

```
.border{ border-color:rgb(252, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4687, 83.6999, 95.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 242) }
```

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

```
.background{ background-color: rgb(252,  
230, 242) }
```

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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