

Converting Colors

XYZ(84.4181, 88.4750, 93.1004)

Have a look what the booklet for
XYZ(84.4181, 88.4750, 93.1004)
contains.

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Color

**XYZ(84.3975, 88.4375,
92.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1ED
RGB	245, 241, 237
RGB Percent	96%, 95%, 93%
CMY	0.0392, 0.0549, 0.0706
CMYK	0.00, 0.02, 0.03, 0.04
HSL	30°, 29%, 95%
HSV	30°, 3%, 96%
XYZ	84.3975, 88.4375, 92.7427
YIQ	241.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

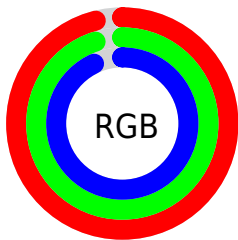
Format	Color
R _{YB}	245, 245, 237
Decimal	16118253
CIE Lab	95.34, 0.65, 2.39
CIE LCh	95, 2.475, 74.852
Yxy	88.4375, 0.3178, 0.3330
Android (android.graphics.Color)	4294308333 (0xFFFF5F1ED)
YUV	241.7400, -2.3368, 2.8590
Hunter-Lab	94.0412, -4.3769, 7.3575

Details

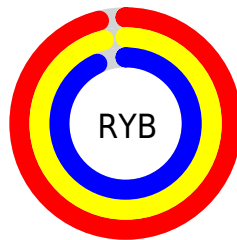
The XYZ color **84.3975, 88.4375, 92.7427** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8617, 87.5063, 98.9103**, and the grayscale version is **84.2105, 88.5961, 96.4811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6757, 48.8529, 50.6855** is the 20% darker color. If you saturate the color by 10%, you get **77.5592, 80.1027, 73.9932**, and if you desaturate by 10%, it is **90.9085, 97.0364, 108.5462**.

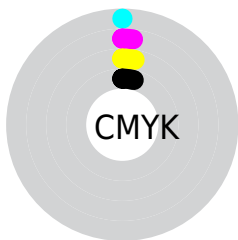
Distribution



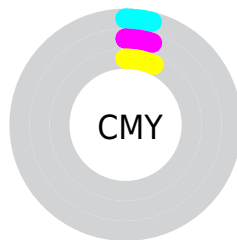
- Red (96%)
- Green (95%)
- Blue (93%)



- Red (96%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3975, 88.4375, 92.7427 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 84.3975, 88.4375, 92.7427 by changing the saturation by 10% instead.

84.3975, 88.4375,
92.7427

84.3975, 88.4375,
92.7427

498.1461,
522.9349, 557.7116

63.6645, 66.6855,
69.6712

138.4495,
145.1661, 153.1110

46.6396, 48.8290,
50.7834

172.4991,
180.9114, 191.2448

32.9576, 34.4839,
35.6607

211.7184,
222.0900, 235.2365

22.2531, 23.2656,
23.8847

256.4726,
269.0862, 285.5045

14.1606, 14.7897,
15.0367

307.1271,
322.2843, 342.4676

8.3149, 8.6719,
8.6982

364.0473,

4.3506, 4.5278,

382.0689, 406.5440

4.4508

427.5985,
448.8243, 478.1525

■ 1.9023, 1.9730,
1.8757

■ 0.5782, 0.5917,
0.4772

■ 84.3975, 88.4375,
92.7427

■ 84.3975, 88.4375,
92.7427

■ 77.5592, 80.1027,
73.9932

■ 90.9085, 97.0364,
108.5462

■ 71.4265, 72.4289,
57.7934

■ 91.4666, 98.1527,
108.7323

■ 65.9759, 65.4019,
44.0329

■ 61.1798, 59.0025,
32.5907

■ 57.0082, 53.2104,
23.3355

■ 53.4287, 48.0040,
16.1228

■ 50.4052, 43.3598,
10.7901

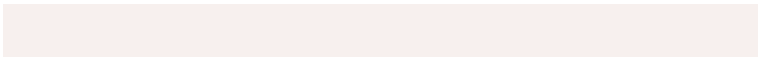
■ 47.8965, 39.2521,
7.1499

■ 45.8539, 35.6515,
4.9747

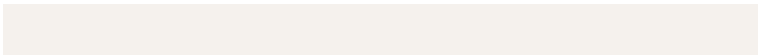
Harmonies

Analogous

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



84.9826, 88.4375, 93.6903



84.3975, 88.4375, 92.7427



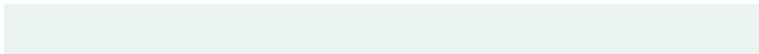
83.7243, 88.4375, 92.7378

Triad

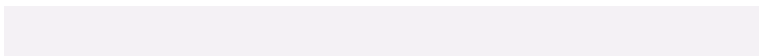
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3975, 88.4375, 92.7427



82.8063, 88.4375, 97.2513



84.9778, 88.4375, 98.9582

Complementary

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



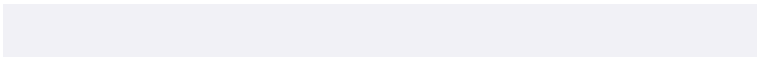
84.3975, 88.4375, 92.7427



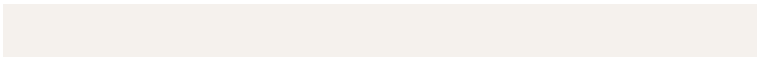
82.8617, 87.5063, 98.9103

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.



84.3910, 88.4375, 99.9387



84.3975, 88.4375, 92.7427



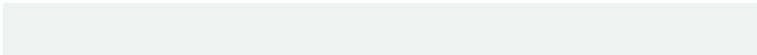
83.1386, 88.4375, 98.9443

Square

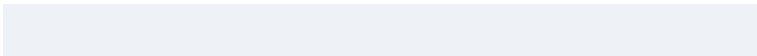
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3975, 88.4375, 92.7427



82.8081, 88.4375, 95.3234



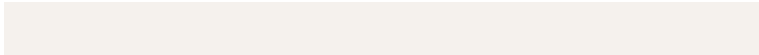
83.7178, 88.4375, 99.9336



85.3188, 88.4375, 97.2700

Rectangle

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



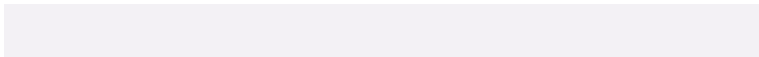
84.3975, 88.4375, 92.7427



83.3162, 88.4375, 93.2690



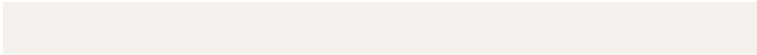
83.7178, 88.4375, 99.9336



84.8026, 88.4375, 99.3824

Sweetspot

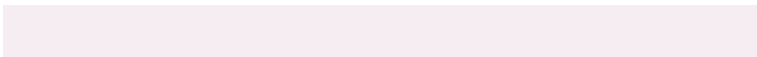
The Sweet Spot groups the original color and five complimentary colors.



84.4000, 88.4413, 92.7446



94.2372, 99.0269, 106.6171



83.8187, 86.3330, 95.4665



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



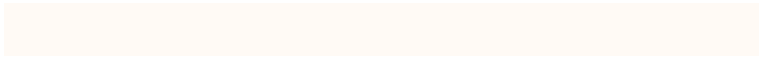
20.3446, 21.4041, 23.3091

Same Dimension

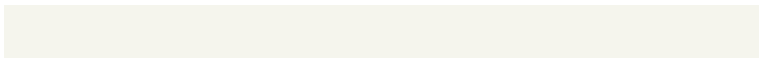
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4000, 88.4413, 92.7446



91.8472, 96.1530, 99.9447



85.5957, 90.8328, 93.1432



17.8893, 18.7099, 19.2770



24.2162, 18.3180, 2.2594



2.2311, 1.8155, 0.2328

Inverse Universe

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



82.8617, 87.5063, 98.9103



89.7892, 94.9021, 108.1933



81.6919, 85.1668, 98.5204



17.4144, 18.4212, 21.1804



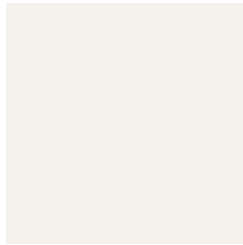
12.7907, 11.3752, 48.0595



1.2269, 1.2053, 4.2582

Previews

White Background



This preview shows how the XYZ color 84.3975, 88.4375, 92.7427 looks on a white background.

Color Contrast Check

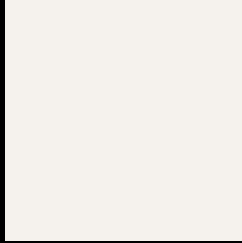
Large Text (above 18pt) WCAG AA × Fail

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 84.3975, 88.4375, 92.7427 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

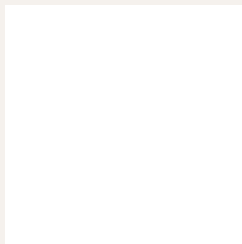
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3975, 88.4375, 92.7427

Background



This preview shows how black text looks on a background with the XYZ color 84.3975, 88.4375, 92.7427.



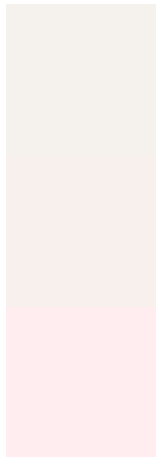
This preview shows how white text looks on a background with the XYZ color 84.3975, 88.4375, 92.7427.

92.7427.

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

84.3975, 88.4375, 92.7427

Protanopia

84.8039, 88.2088, 92.6771

Deuteranopia

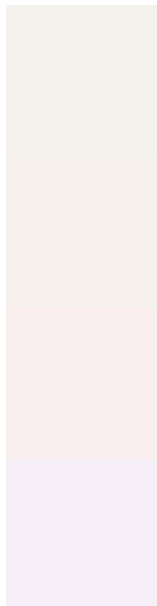
87.2524, 88.1196, 94.8482



Tritanopia

86.9823, 88.1432, 107.0366

Trichromacy



Original Color

84.3975, 88.4375, 92.7427

Protanomaly

84.4522, 88.0274, 92.6606

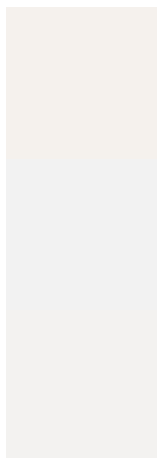
Deuteranomaly

85.9382, 87.8903, 94.0964

Tritanomaly

85.8158, 88.1031, 101.2896

Monochromacy



Original Color

84.3975, 88.4375, 92.7427

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.4425, 88.8502, 95.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3975, 88.4375, 92.7427 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(245, 241, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 237)  
}
```

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(245, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.3975, 88.4375, 92.7427 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(245, 241, 237) }
```


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

```
.border{ border-color:rgb(245, 241, 237) }
```

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

Here you see how a box with a 4 pixel rgb(245, 241, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3975, 88.4375, 92.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 237) }
```

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

```
.background{ background-color: rgb(245,  
241, 237) }
```

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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