

Converting Colors

XYZ(88.2929, 92.5366, 97.3210)

Have a look what the booklet for
XYZ(88.2929, 92.5366, 97.3210)
contains.

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Color

**XYZ(88.4071, 92.6463,
97.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF6F2
RGB	250, 246, 242
RGB Percent	98%, 96%, 95%
CMY	0.0196, 0.0353, 0.0510
CMYK	0.00, 0.02, 0.03, 0.02
HSL	30°, 44%, 96%
HSV	30°, 3%, 98%
XYZ	88.4071, 92.6463, 97.2274
YIQ	246.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

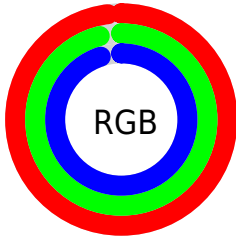
Format	Color
R _Y B	250, 250, 242
Decimal	16447218
CIE Lab	97.08, 0.64, 2.38
CIE LCh	97, 2.465, 74.853
Yxy	92.6463, 0.3177, 0.3329
Android (android.graphics.Color)	4294637298 (0xFFFAF6F2)
YUV	246.7400, -2.3368, 2.8590
Hunter-Lab	96.2529, -4.4927, 7.4868

Details

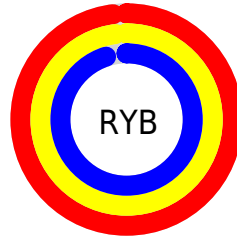
The XYZ color 88.4071, 92.6463, 97.2274 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.8290, 91.6897, 103.5651, and the grayscale version is 88.2154, 92.8095, 101.0695.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5245, 51.8414, 53.8505 is the 20% darker color. If you saturate the color by 10%, you get 81.2356, 83.9064, 77.5607, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

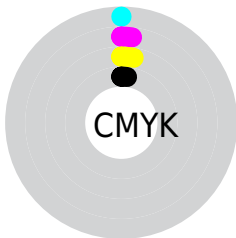
Distribution



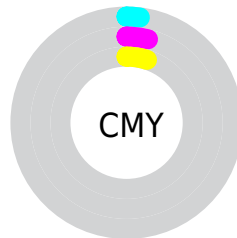
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (98%)
- Yellow (98%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4071, 92.6463, 97.2274 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 88.4071, 92.6463, 97.2274 by changing the saturation by 10% instead.

88.4071, 92.6463,
97.2274

88.4071, 92.6463,
97.2274

511.1509,
536.6021, 572.4369

66.9922, 70.1776,
73.3831

144.0134,
151.0088, 159.3602

49.3489, 51.6713,
53.7956

178.9355,
187.6714, 198.4859

35.1120, 36.7431,
38.0462

219.0908,
229.8341, 243.5424

23.9161, 25.0087,
25.7164

264.8444,
277.8812, 294.9483

15.3958, 16.0835,
16.3878

316.5620,
332.1971, 353.1222

9.1858, 9.5833,
9.6416

374.6086,

4.9206, 5.1235,

393.1663, 418.4825

5.0595

439.3498,
461.1732, 491.4480

■ 2.2350, 2.3199,
2.2229

■ 0.7611, 0.7842,
0.6875

■ 88.4071, 92.6463,
97.2274

■ 88.4071, 92.6463,
97.2274

■ 81.2356, 83.9064,
77.5607

■ 93.2349, 99.0643,
108.8151

■ 74.8046, 75.8603,
60.5699

■ 69.0893, 68.4929,
46.1389

■ 64.0608, 61.7841,
34.1408

■ 59.6878, 55.7125,
24.4377

■ 55.9359, 50.2555,
16.8776

■ 52.7675, 45.3884,
11.2900

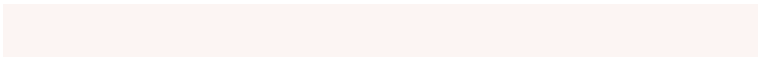
■ 50.1392, 41.0842,
7.4780

■ 47.9997, 37.3120,
5.2024

Harmonies

Analogous

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



89.0081, 92.6463, 98.2013



88.4071, 92.6463, 97.2274



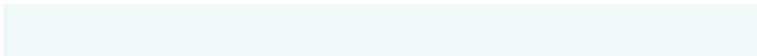
87.7155, 92.6463, 97.2225

Triad

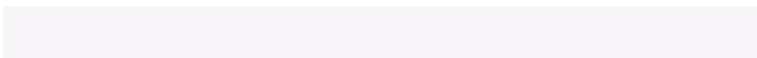
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4071, 92.6463, 97.2274



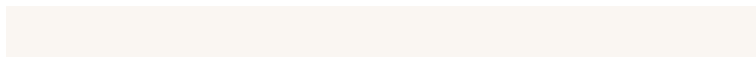
86.7724, 92.6463, 101.8602



89.0032, 92.6463, 103.6131

Complementary

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



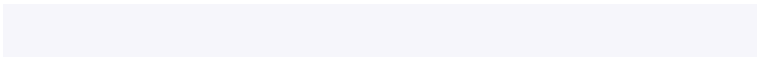
88.4071, 92.6463, 97.2274



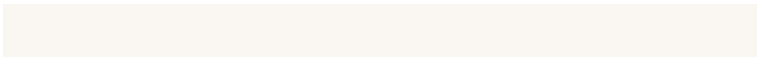
86.8290, 91.6897, 103.5651

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.



88.4005, 92.6463, 104.6201



88.4071, 92.6463, 97.2274



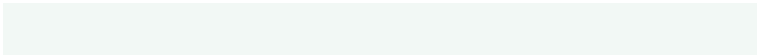
87.1137, 92.6463, 103.5990

Square

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



88.4071, 92.6463, 97.2274



86.7741, 92.6463, 99.8795



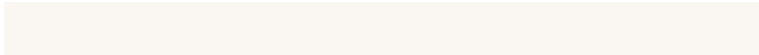
87.7089, 92.6463, 104.6149



89.3535, 92.6463, 101.8792

Rectangle

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



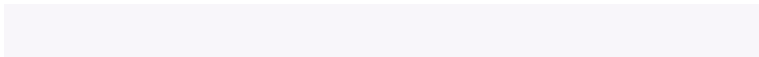
88.4071, 92.6463, 97.2274



87.2962, 92.6463, 97.7685



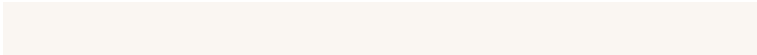
87.7089, 92.6463, 104.6149



88.8233, 92.6463, 104.0489

Sweetspot

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



88.4097, 92.6503, 97.2294



94.2371, 99.0269, 106.6171



87.8123, 90.4835, 100.0269



20.1792, 21.2061, 22.8445



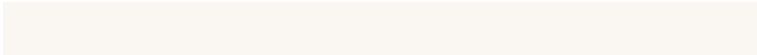
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.4097, 92.6503, 97.2294



91.8472, 96.1529, 99.9447



89.6382, 95.1073, 97.6389



18.7007, 19.5582, 20.1487



24.9549, 18.8665, 2.3263



2.4173, 1.9594, 0.2508

Inverse Universe

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



86.8290, 91.6897, 103.5651



89.7893, 94.9022, 108.1933



85.6268, 89.2851, 103.1644



18.2033, 19.2559, 22.1426



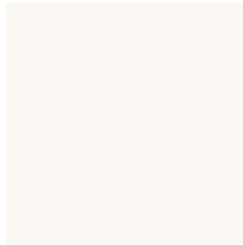
13.1776, 11.7107, 49.5394



1.3265, 1.2966, 4.6235

Previews

White Background



This preview shows how the XYZ color 88.4071, 92.6463, 97.2274 looks on a white background.

Color Contrast Check

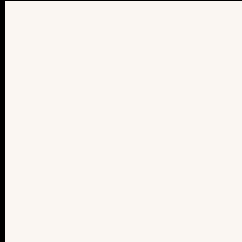
Large Text (above 18pt) WCAG AA × Fail

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 88.4071, 92.6463, 97.2274 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

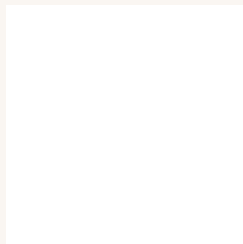
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4071, 92.6463, 97.2274

Background



This preview shows how black text looks on a background with the XYZ color 88.4071, 92.6463, 97.2274.



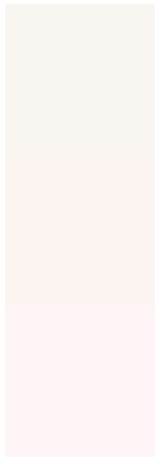
This preview shows how white text looks on a background with the XYZ color 88.4071, 92.6463, 97.2274.

97.274.

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

88.4071, 92.6463, 97.2274

Protanopia

88.8243, 92.4111, 97.1600

Deuteranopia

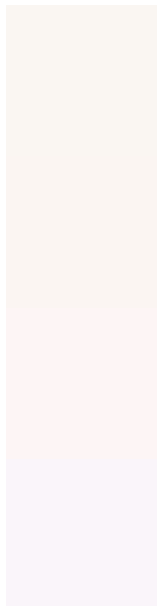
90.2252, 92.6152, 100.3099



Tritanopia

90.1267, 92.8488, 107.7792

Trichromacy



Original Color

88.4071, 92.6463, 97.2274

Protanomaly

88.4631, 92.2249, 97.1431

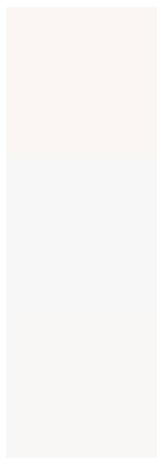
Deuteranomaly

89.6419, 92.7800, 99.5699

Tritanomaly

89.3321, 92.5309, 103.5944

Monochromacy



Original Color

88.4071, 92.6463, 97.2274

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4536, 93.0706, 99.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4071, 92.6463, 97.2274 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(250, 246, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 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(250, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.4071, 92.6463, 97.2274 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(250, 246, 242) }
```


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

```
.border{ border-color:rgb(250, 246, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 246, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 246, 242); box-shadow:4px 4px 4px 4px rgb(250, 246, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4071, 92.6463, 97.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 246, 242) }
```

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

```
.background{ background-color: rgb(250,  
246, 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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