

Converting Colors

XYZ(85.3960, 89.3928, 92.8745)

Have a look what the booklet for
XYZ(85.3960, 89.3928, 92.8745)
contains.

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Color

**XYZ(85.3960, 89.3928,
92.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F2ED
RGB	247, 242, 237
RGB Percent	97%, 95%, 93%
CMY	0.0314, 0.0510, 0.0706
CMYK	0.00, 0.02, 0.04, 0.03
HSL	30°, 38%, 95%
HSV	30°, 4%, 97%
XYZ	85.3960, 89.3928, 92.8745
YIQ	242.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

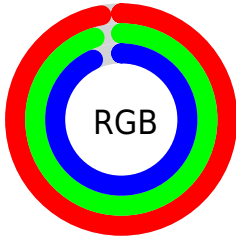
Format	Color
R _Y B	247, 247, 237
Decimal	16249581
CIE Lab	95.74, 0.81, 2.99
CIE LCh	96, 3.097, 74.785
Yxy	89.3928, 0.3190, 0.3340
Android (android.graphics.Color)	4294439661 (0xFF7F2ED)
YUV	242.9250, -2.9210, 3.5738
Hunter-Lab	94.5478, -4.2365, 7.9427

Details

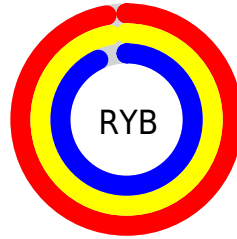
The XYZ color **85.3960, 89.3928, 92.8745** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.4658, 88.2232, 100.6266**, and the grayscale version is **85.1539, 89.5885, 97.5619**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3853, 49.5304, 50.7789** is the 20% darker color. If you saturate the color by 10%, you get **78.4840, 80.9509, 73.9756**, and if you desaturate by 10%, it is **91.9600, 98.0977, 108.6957**.

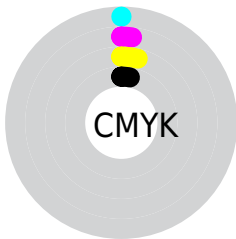
Distribution



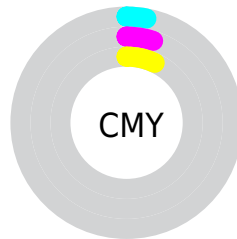
- Red (97%)
- Green (95%)
- Blue (93%)



- Red (97%)
- Yellow (97%)
- Blue (93%)



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





- Cyan (3%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3960, 89.3928, 92.8745 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 85.3960, 89.3928, 92.8745 by changing the saturation by 10% instead.


 85.3960, 89.3928,
92.8745

 85.3960, 89.3928,
92.8745


501.4015,
526.0537, 558.1474

 64.4922, 67.4771,
69.7801


139.8375,
146.4947, 153.2951

 47.3126, 49.4725,
50.8716


174.1059,
182.4497, 191.4583

 33.4919, 34.9944,
35.7304


213.5599,
223.8533, 235.4816

 22.6645, 23.6586,
23.9380

258.5649,
271.0898, 285.7834

 14.4653, 15.0806,
15.0759

309.4862,
324.5438, 342.7824

 8.5289, 8.8759,
8.7254

366.6891,

 4.4898, 4.6604,

384.5994, 406.8970

4.4682

430.5391,
451.6413, 478.5458

■ 1.9828, 2.0494,
1.8855

■ 0.6243, 0.6359,
0.4835

■ 85.3960, 89.3928,
92.8745

■ 85.3960, 89.3928,
92.8745

■ 78.4840, 80.9509,
73.9756

■ 91.9600, 98.0977,
108.6957

■ 72.2894, 73.1820,
57.6675

■ 92.1683, 98.5144,
108.7651

■ 66.7883, 66.0711,
43.8369

■ 61.9521, 59.5988,
32.3597

■ 57.7503, 53.7442,
23.1010

■ 54.1495, 48.4851,
15.9120

■ 51.1124, 43.7974,
10.6253

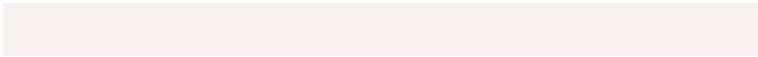
■ 48.5967, 39.6545,
7.0472

■ 46.5515, 36.0262,
4.9410

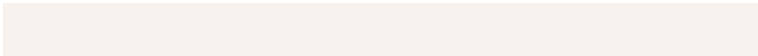
Harmonies

Analogous

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



86.1337, 89.3928, 94.0646



85.3960, 89.3928, 92.8745



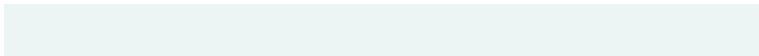
84.5476, 89.3928, 92.8657

Triad

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



85.3960, 89.3928, 92.8745



83.3904, 89.3928, 98.5362



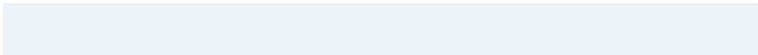
86.1249, 89.3928, 100.7029

Complementary

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



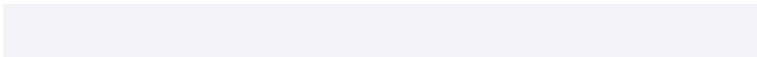
85.3960, 89.3928, 92.8745



83.4658, 88.2232, 100.6266

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.



85.3841, 89.3928, 101.9425



85.3960, 89.3928, 92.8745



83.8073, 89.3928, 100.6774

Square

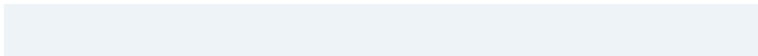
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



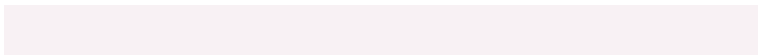
85.3960, 89.3928, 92.8745



83.3936, 89.3928, 96.1070



84.5358, 89.3928, 101.9331



86.5564, 89.3928, 98.5705

Rectangle

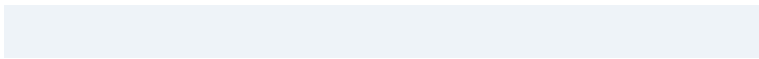
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3960, 89.3928, 92.8745



84.0337, 89.3928, 93.5295



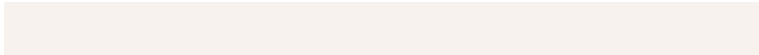
84.5358, 89.3928, 101.9331



85.9036, 89.3928, 101.2394

Sweetspot

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



85.3985, 89.3967, 92.8764



94.2370, 99.0267, 106.6170



84.6703, 86.7548, 96.2885



20.1792, 21.2061, 22.8445



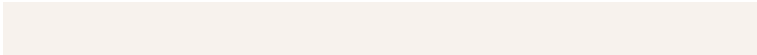
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

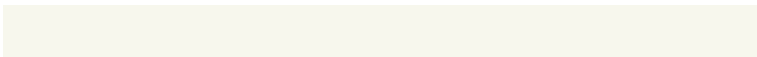
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3985, 89.3967, 92.8764



91.0661, 95.2088, 97.7788



86.9059, 92.4115, 93.3789



17.7454, 18.5356, 18.8790



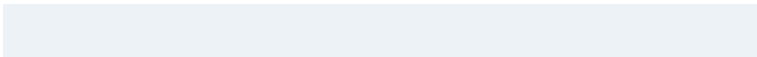
24.2138, 18.3132, 2.2586



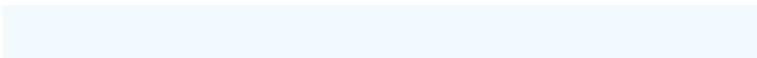
2.2309, 1.8151, 0.2328

Inverse Universe

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



83.4658, 88.2232, 100.6266



88.5121, 93.6581, 108.0205



81.9991, 85.2897, 100.1377



17.1794, 18.1920, 21.1485



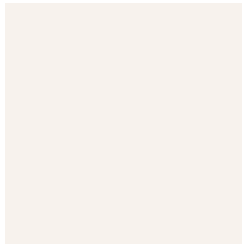
12.7931, 11.3801, 48.0603



1.2271, 1.2057, 4.2583

Previews

White Background



This preview shows how the XYZ color 85.3960, 89.3928, 92.8745 looks on a white background.

Color Contrast Check

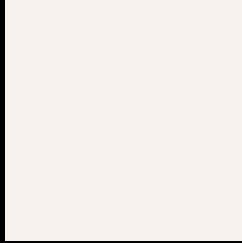
Large Text (above 18pt) WCAG AA × Fail

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 85.3960, 89.3928, 92.8745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

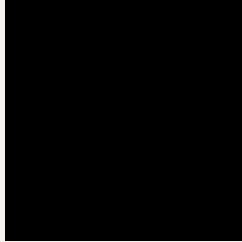
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

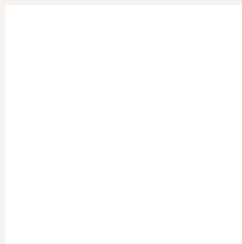
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3960, 89.3928, 92.8745

Background



This preview shows how black text looks on a background with the XYZ color 85.3960, 89.3928, 92.8745.



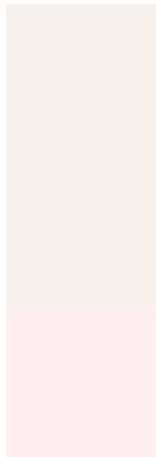
This preview shows how white text looks on a background with the XYZ color 85.3960, 89.3928,

92.845.

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

85.3960, 89.3928, 92.8745

Protanopia

85.7496, 89.5751, 92.8910

Deuteranopia

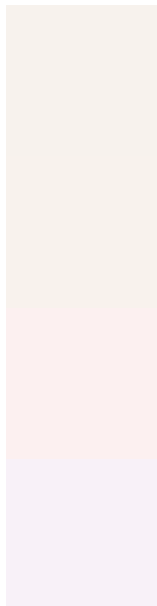
87.9837, 89.3439, 95.8269



Tritanopia

88.2770, 89.6799, 107.2650

Trichromacy



Original Color

85.3960, 89.3928, 92.8745

Protanomaly

85.7496, 89.5751, 92.8910

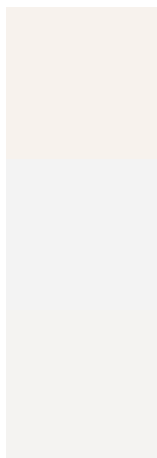
Deuteranomaly

87.0331, 89.3069, 95.0889

Tritanomaly

87.1100, 89.6444, 101.5188

Monochromacy



Original Color

85.3960, 89.3928, 92.8745

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.2360, 89.6852, 96.0376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3960, 89.3928, 92.8745 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(247, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(247, 242, 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(247, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 85.3960, 89.3928, 92.8745 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(247, 242, 237) }
```


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

```
.border{ border-color:rgb(247, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3960, 89.3928, 92.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 242, 237) }
```

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

```
.background{ background-color: rgb(247,  
242, 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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