

Converting Colors

XYZ(86.4710, 88.5345, 97.3171)

Have a look what the booklet for
XYZ(86.4710, 88.5345, 97.3171)
contains.

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Color

**XYZ(86.4685, 88.5281,
97.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEFF3
RGB	250, 239, 243
RGB Percent	98%, 94%, 95%
CMY	0.0196, 0.0627, 0.0471
CMYK	0.00, 0.04, 0.03, 0.02
HSL	338°, 52%, 96%
HSV	338°, 4%, 98%
XYZ	86.4685, 88.5281, 97.3243
YIQ	242.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

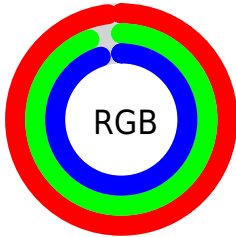
Format	Color
R _Y B	250, 239, 243
Decimal	16445427
CIE Lab	95.38, 4.38, -0.62
CIE LCh	95, 4.425, 351.984
Yxy	88.5281, 0.3175, 0.3251
Android (android.graphics.Color)	4294635507 (0xFFFAEFF3)
YUV	242.7450, 0.1257, 6.3626
Hunter-Lab	94.0894, -0.6142, 4.5341

Details

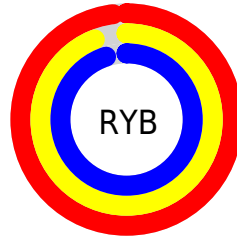
The XYZ color **86.4685, 88.5281, 97.3243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4201, 93.3780, 100.6623**, and the grayscale version is **84.9870, 89.4130, 97.3707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1513, 48.9242, 53.9192** is the 20% darker color. If you saturate the color by 10%, you get **77.3500, 73.9712, 82.9368**, and if you desaturate by 10%, it is **93.2348, 99.0642, 108.8151**.

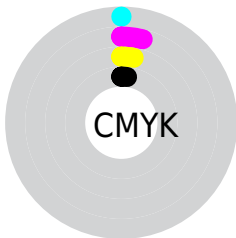
Distribution



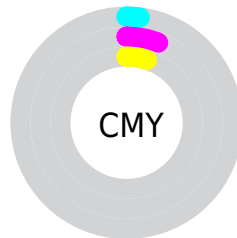
- Red (98%)
- Green (94%)
- Blue (95%)



- Red (98%)
- Yellow (94%)
- Blue (95%)



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





- Cyan (2%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.4685, 88.5281, 97.3243 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 86.4685, 88.5281, 97.3243 by changing the saturation by 10% instead.


 86.4685, 88.5281,
97.3243

 86.4685, 88.5281,
97.3243


504.8856,
523.2311, 572.7528

 65.3820, 66.7605,
73.4635


141.3266,
145.2922, 159.4949

 48.0368, 48.8900,
53.8609


175.8288,
181.0574, 198.6418

 34.0674, 34.5323,
38.0980


215.5338,
222.2574, 243.7211

 23.1085, 23.3028,
25.7564

260.8067,
269.2764, 295.1513

 14.7948, 14.8172,
16.4173

312.0130,
322.4989, 353.3511

 8.7609, 8.6912,
9.6624

369.5180,

 4.6414, 4.5403,

382.3092, 418.7389

5.0730

433.6871,
449.0918, 491.7333

■ 2.0710, 1.9802,
2.2307

■ 0.6734, 0.5959,
0.6920

■ 86.4685, 88.5281,
97.3243

■ 86.4685, 88.5281,
97.3243

■ 77.3500, 73.9712,
82.9368

■ 93.2348, 99.0642,
108.8151

■ 69.4030, 61.4337,
69.9407

■ 62.5806, 50.8289,
58.2944

■ 56.8295, 42.0596,
47.9519

■ 52.0918, 35.0197,
38.8647

■ 48.3043, 29.5925,
30.9803

■ 45.3957, 25.6465,
24.2426

■ 43.2843, 23.0291,
18.5894

■ 41.8708, 21.5540,
13.9506

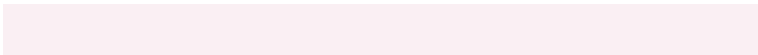
Harmonies

Analogous

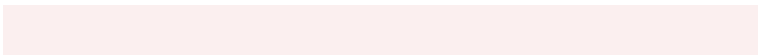
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9898, 88.5281, 100.5547



86.4685, 88.5281, 97.3243



86.3194, 88.5281, 93.9189

Triad

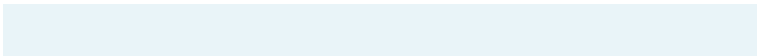
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4685, 88.5281, 97.3243



83.2753, 88.5281, 90.3438



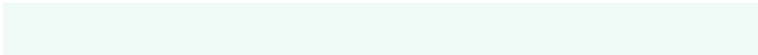
82.7184, 88.5281, 101.7380

Complementary

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



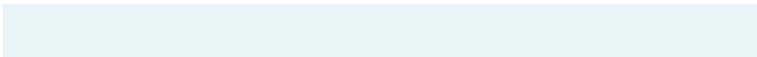
86.4685, 88.5281, 97.3243



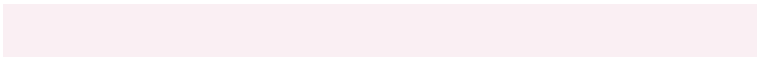
86.4201, 93.3780, 100.6623

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.



82.0040, 88.5281, 98.9083



86.4685, 88.5281, 97.3243



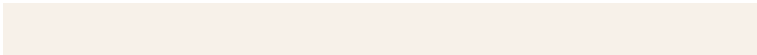
82.3234, 88.5281, 92.3459

Square

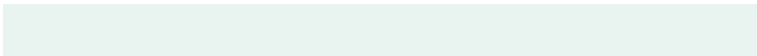
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



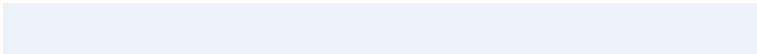
86.4685, 88.5281, 97.3243



84.4682, 88.5281, 89.9427



81.8602, 88.5281, 95.4658



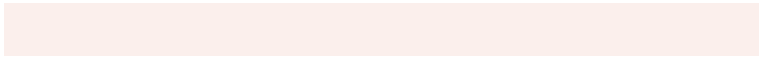
83.8192, 88.5281, 103.1426

Rectangle

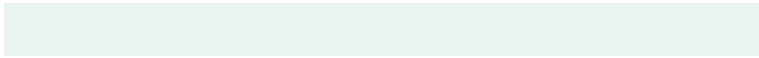
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



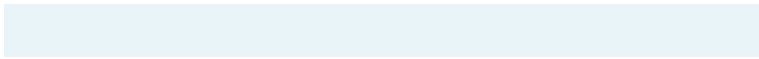
86.4685, 88.5281, 97.3243



85.8848, 88.5281, 92.0028



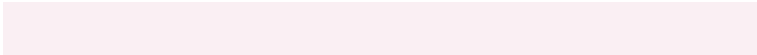
81.8602, 88.5281, 95.4658



82.4255, 88.5281, 100.9188

Sweetspot

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



86.4710, 88.5319, 97.3262



93.9816, 98.2797, 107.2599



86.1192, 88.2261, 102.9340



20.1272, 21.0540, 22.9754



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

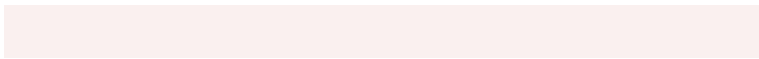
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4710, 88.5319, 97.3262



89.8371, 91.6214, 100.8511



86.3049, 89.1551, 94.3259



18.2653, 18.5450, 20.4427



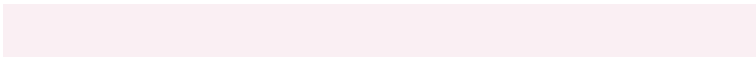
21.9729, 11.2049, 6.5656



2.0839, 1.0573, 0.8655

Inverse Universe

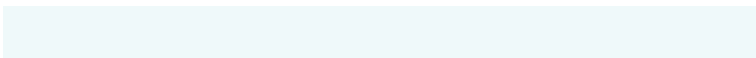
The Inverse Universe completely reimagines the original color for something new.



86.4710, 88.5319, 97.3262



89.8371, 91.6214, 100.8511



86.5864, 92.7184, 103.7765



18.2653, 18.5450, 20.4427



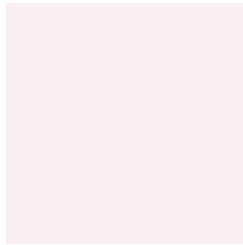
21.9729, 11.2049, 6.5656



2.0839, 1.0573, 0.8655

Previews

White Background



This preview shows how the XYZ color 86.4685, 88.5281, 97.3243 looks on a white background.

Color Contrast Check

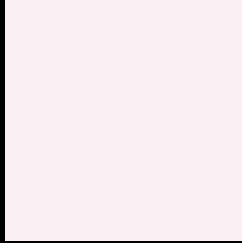
Large Text (above 18pt) WCAG AA × Fail

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 86.4685, 88.5281, 97.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

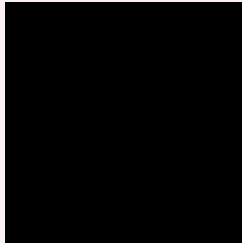
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.4685, 88.5281, 97.3243

Background



This preview shows how black text looks on a background with the XYZ color 86.4685, 88.5281, 97.3243.

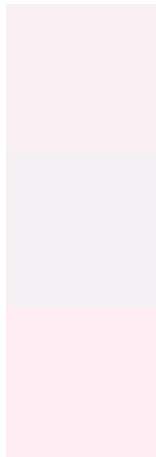


This preview shows how white text looks on a background with the XYZ color 86.4685, 88.5281,

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

86.4685, 88.5281, 97.3243

Protanopia

85.1454, 88.2643, 98.1370

Deuteranopia

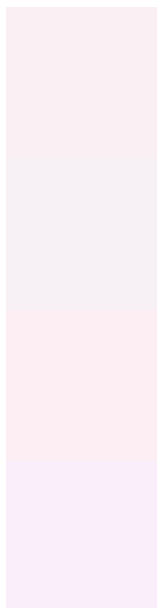
87.7018, 88.2994, 97.2151



Tritanopia

88.1178, 88.2976, 107.0066

Trichromacy



Original Color

86.4685, 88.5281, 97.3243

Protanomaly

85.8470, 88.6260, 98.1699

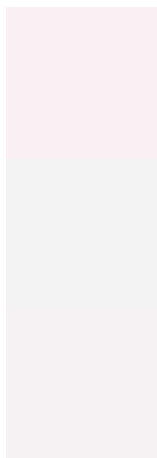
Deuteranomaly

87.2602, 88.5028, 97.2777

Tritanomaly

87.7708, 88.6233, 103.7468

Monochromacy



Original Color

86.4685, 88.5281, 97.3243

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.9358, 89.5682, 97.5531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4685, 88.5281, 97.3243 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, 239, 243) looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 243)  
}
```

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, 239, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.4685, 88.5281, 97.3243 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, 239, 243) }
```


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

```
.border{ border-color:rgb(250, 239, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 239, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 239,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4685, 88.5281, 97.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 243) }
```

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

```
.background{ background-color: rgb(250,  
239, 243) }
```

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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