

Converting Colors

XYZ(86.6337, 86.8562, 98.3485)

Have a look what the booklet for
XYZ(86.6337, 86.8562, 98.3485)
contains.

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Color

**XYZ(86.6978, 86.8919,
98.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEBF5
RGB	253, 235, 245
RGB Percent	99%, 92%, 96%
CMY	0.0078, 0.0784, 0.0392
CMYK	0.00, 0.07, 0.03, 0.01
HSL	327°, 82%, 96%
HSV	327°, 7%, 99%
XYZ	86.6978, 86.8919, 98.5885
YIQ	241.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

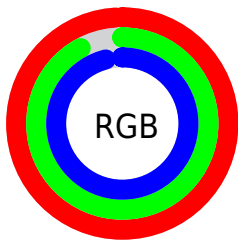
Format	Color
R _Y B	253, 235, 245
Decimal	16641013
CIE Lab	94.69, 7.79, -2.64
CIE LCh	95, 8.221, 341.282
Yxy	86.8919, 0.3185, 0.3192
Android (android.graphics.Color)	4294831093 (0xFFFDEBF5)
YUV	241.5220, 1.7147, 10.0662
Hunter-Lab	93.2158, 2.8909, 2.5438

Details

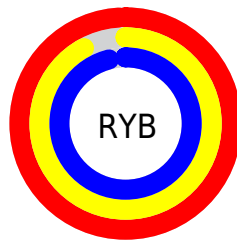
The XYZ color **86.6978, 86.8919, 98.5885** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5673, 94.3862, 98.5072**, and the grayscale version is **84.0053, 88.3802, 96.2460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0704, 47.6501, 54.8079** is the 20% darker color. If you saturate the color by 10%, you get **78.2986, 72.7574, 87.5737**, and if you desaturate by 10%, it is **94.3186, 99.6229, 108.8658**.

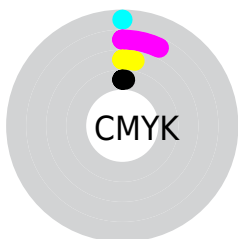
Distribution



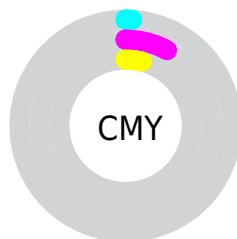
- Red (99%)
- Green (92%)
- Blue (96%)



- Red (99%)
- Yellow (92%)
- Blue (96%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (1%)




- Cyan (1%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6978, 86.8919, 98.5885 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 86.6978, 86.8919, 98.5885 by changing the saturation by 10% instead.


 86.6978, 86.8919,
98.5885

 86.6978, 86.8919,
98.5885


505.6288,
517.8676, 576.8657

 65.5723, 65.4058,
74.5120


141.6447,
143.0135, 161.2510

 48.1917, 47.7902,
54.7138


176.1968,
178.4177, 200.6741

 34.1906, 33.6607,
38.7756


215.9552,
219.2300, 246.0497

 23.2037, 22.6331,
26.2787

261.2853,
265.8349, 297.7965

 14.8655, 14.3228,
16.8046

312.5523,
318.6167, 356.3330

 8.8107, 8.3455,
9.9348

370.1216,

 4.6741, 4.3168,

377.9598, 422.0776

5.2507

434.3587,
444.2486, 495.4490

■ 2.0901, 1.8523,
2.3338

■ 0.6838, 0.5195,
0.7501

■ 86.6978, 86.8919,
98.5885

■ 86.6978, 86.8919,
98.5885

■ 78.2986, 72.7574,
87.5737

94.3186, 99.6229,
108.8658

■ 70.9863, 60.6338,
77.4261

■ 64.7153, 50.4317,
68.1222

■ 59.4336, 42.0501,
59.6351

■ 55.0844, 35.3789,
51.9361

■ 51.6051, 30.2959,
44.9939

■ 48.9246, 26.6626,
38.7744

■ 46.9599, 24.3162,
33.2390

■ 45.6048, 23.0483,
28.3410

Harmonies

Analogous

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



85.4369, 86.8919, 104.0989



86.6978, 86.8919, 98.5885



86.8459, 86.8919, 92.2386

Triad

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



86.6978, 86.8919, 98.5885



81.7557, 86.8919, 83.1198



79.4214, 86.8919, 102.9085

Complementary

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



86.6978, 86.8919, 98.5885



85.5673, 94.3862, 98.5072

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.



78.4719, 86.8919, 97.0227



86.6978, 86.8919, 98.5885



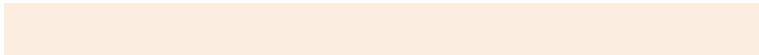
79.8034, 86.8919, 85.7170

Square

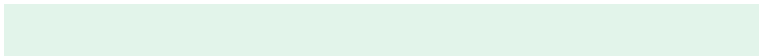
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



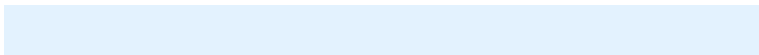
86.6978, 86.8919, 98.5885



83.9657, 86.8919, 83.4968



78.6105, 86.8919, 90.7410



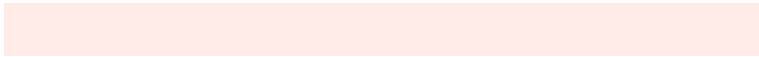
81.2257, 86.8919, 106.6691

Rectangle

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



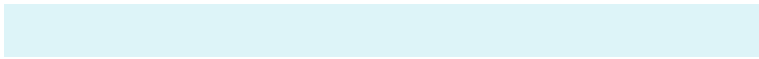
86.6978, 86.8919, 98.5885



86.2906, 86.8919, 88.4028



78.6105, 86.8919, 90.7410



78.9932, 86.8919, 101.1022

Sweetspot

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



86.7003, 86.8957, 98.5904



93.0816, 96.6439, 106.4537



84.3345, 85.5319, 104.9942



19.9439, 20.7209, 22.8112



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

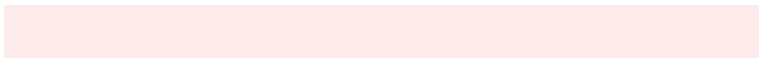
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7003, 86.8957, 98.5904



86.5612, 85.5816, 98.1808



85.3888, 86.3711, 91.6844



18.4318, 18.1560, 20.8908



24.1622, 12.1542, 14.7707



2.4076, 1.2054, 1.7280

Inverse Universe

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



86.7003, 86.8957, 98.5904



86.5612, 85.5816, 98.1808



86.9280, 94.9304, 105.6727



18.4318, 18.1560, 20.8908



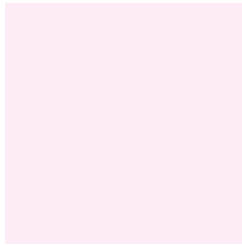
24.1622, 12.1542, 14.7707



2.4076, 1.2054, 1.7280

Previews

White Background



This preview shows how the XYZ color 86.6978, 86.8919, 98.5885 looks on a white background.

Color Contrast Check

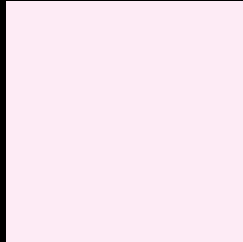
Large Text (above 18pt) WCAG AA × Fail

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 86.6978, 86.8919, 98.5885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

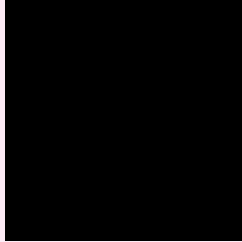
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.6978, 86.8919, 98.5885

Background



This preview shows how black text looks on a background with the XYZ color 86.6978, 86.8919, 98.5885.



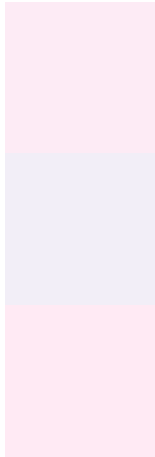
This preview shows how white text looks on a background with the XYZ color 86.6978, 86.8919,

98.5885.

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

86.6978, 86.8919, 98.5885

Protanopia

83.9810, 86.7417, 100.3122

Deuteranopia

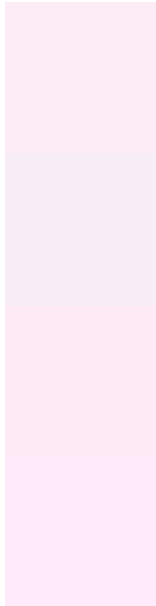
86.9920, 86.6373, 97.7257



Tritanopia

87.8666, 86.9447, 104.2464

Trichromacy



Original Color

86.6978, 86.8919, 98.5885

Protanomaly

84.9248, 86.8150, 99.4697

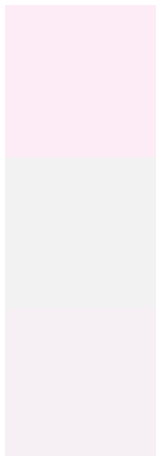
Deuteranomaly

86.6250, 86.4481, 97.7085

Tritanomaly

87.3948, 86.7560, 101.7619

Monochromacy



Original Color

86.6978, 86.8919, 98.5885

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.0502, 87.7969, 97.2579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6978, 86.8919, 98.5885 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(253, 235, 245) looks like.

```
.text, #text, p{  
    color:rgb(253, 235, 245)  
}
```

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(253, 235, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 235, 245) }
```

Border

The CSS property to change the border of an element to XYZ 86.6978, 86.8919, 98.5885 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(253, 235, 245) }
```


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

```
.border{ border-color:rgb(253, 235, 245) }
```

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

Here you see how a box with a 4 pixel rgb(253, 235, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 235, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 235, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 235,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6978, 86.8919, 98.5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 235, 245) }
```

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

```
.background{ background-color: rgb(253,  
235, 245) }
```

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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