

Converting Colors

XYZ(109.4326, 100.0000,
98.2570)

Have a look what the booklet for
XYZ(109.4326, 100.0000, 98.2570)
contains.

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Color

**XYZ(87.9922, 88.8801,
97.3119)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEF3
RGB	255, 238, 243
RGB Percent	100%, 93%, 95%
CMY	0.0000, 0.0666, 0.0471
CMYK	0.00, 0.07, 0.05, 0.00
HSL	342°, 100%, 97%
HSV	342°, 7%, 100%
XYZ	87.9922, 88.8801, 97.3119
YIQ	243.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

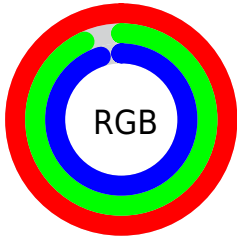
Format	Color
R_{YB}	255, 238, 243
Decimal	16772851
CIE Lab	95.53, 6.58, -0.35
CIE LCh	96, 6.585, 356.912
Yxy	88.8801, 0.3209, 0.3242
Android (android.graphics.Color)	4294962931 (0xFFFFEEF3)
YUV	243.6530, -0.3219, 9.9513
Hunter-Lab	94.2762, 1.6185, 4.7943

Details

The XYZ color **87.9922, 88.8801, 97.3119** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2779, 96.6006, 104.4390**, and the grayscale version is **85.7113, 90.1750, 98.2005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9863, 49.0495, 53.8994** is the 20% darker color. If you saturate the color by 10%, you get **78.5005, 74.0364, 81.3856**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

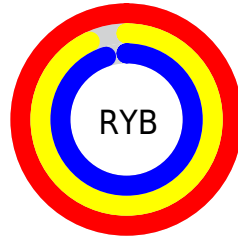
Distribution



Red (100%)

Green (93%)

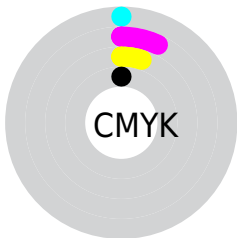
Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)

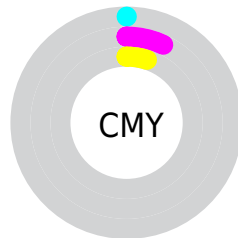


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9922, 88.8801, 97.3119 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 87.9922, 88.8801, 97.3119 by changing the saturation by 10% instead.


 87.9922, 88.8801,
97.3119

 87.9922, 88.8801,
97.3119


509.8135,
524.3811, 572.7124

 66.6474, 67.0522,
73.4532

143.4389,
145.7818, 159.4777

 49.0678, 49.1270,
53.8525


178.2714,
181.6244, 198.6218

 34.8880, 34.7203,
38.0914


218.3306,
222.9074, 243.6982

 23.7427, 23.4475,
25.7513

263.9818,
270.0150, 295.1254

 15.2666, 14.9243,
16.4135

315.5903,
323.3319, 353.3218

 9.0942, 8.7662,
9.6597

373.5215,

 4.8603, 4.5890,

383.2422, 418.7061

5.0713

438.1408,
450.1305, 491.6968

■ 2.1994, 2.0082,
2.2297

■ 0.7424, 0.6122,
0.6914

■ 87.9922, 88.8801,
97.3119

■ 87.9922, 88.8801,
97.3119

■ 78.5005, 74.0364,
81.3856

95.0500, 100.0000,
108.9000

■ 70.2733, 61.3079,
67.1574

■ 63.2577, 50.6006,
54.5714

■ 57.3944, 41.8097,
43.5663

■ 52.6190, 34.8207,
34.0771

■ 48.8606, 29.5066,
26.0339

■ 46.0395, 25.7240,
19.3605

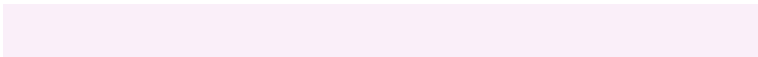
■ 44.0629, 23.3047,
13.9730

■ 42.8163, 22.0382,
9.7753

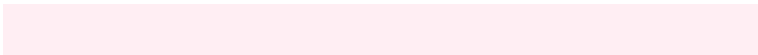
Harmonies

Analogous

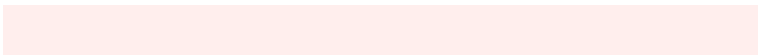
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4201, 88.8801, 102.3054



87.9922, 88.8801, 97.3119



87.6116, 88.8801, 92.3444

Triad

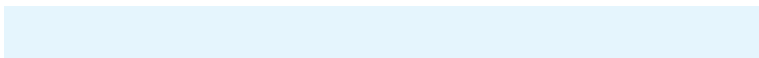
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9922, 88.8801, 97.3119



82.9162, 88.8801, 88.1773



82.5967, 88.8801, 105.3470

Complementary

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



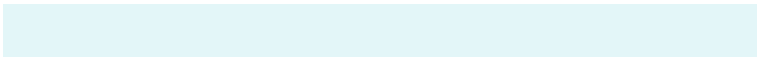
87.9922, 88.8801, 97.3119



88.2779, 96.6006, 104.4390

Split Complementary

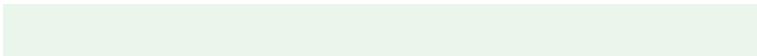
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4198, 88.8801, 101.3458



87.9922, 88.8801, 97.3119



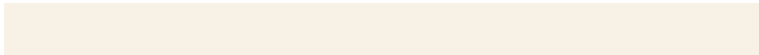
81.6024, 88.8801, 91.4482

Square

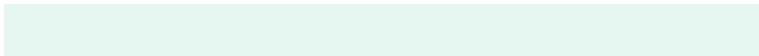
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



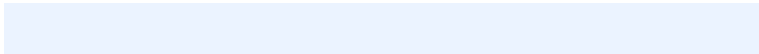
87.9922, 88.8801, 97.3119



84.6650, 88.8801, 87.1826



81.0584, 88.8801, 96.2407



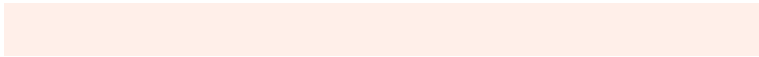
84.2910, 88.8801, 107.0471

Rectangle

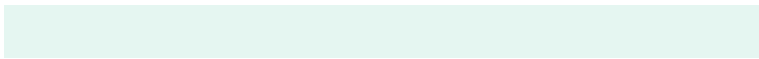
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



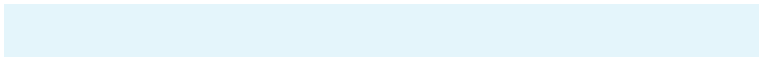
87.9922, 88.8801, 97.3119



86.8717, 88.8801, 89.6941



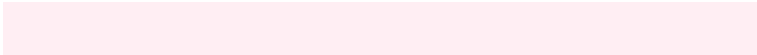
81.0584, 88.8801, 96.2407



82.1284, 88.8801, 104.2197

Sweetspot

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



87.9942, 88.8837, 97.3138



92.8701, 96.5593, 105.3401



88.0154, 88.6784, 107.0855



19.9009, 20.7037, 22.5845



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.



87.9942, 88.8837, 97.3138



86.6510, 86.7747, 95.0860



88.2487, 90.5839, 93.7267



18.2290, 18.0749, 19.8232



22.2680, 11.3965, 4.7959



2.2135, 1.1278, 0.7056

Inverse Universe

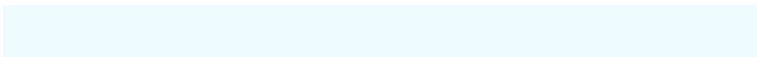
The Inverse Universe completely reimagines the original color for something new.



87.9942, 88.8837, 97.3138



86.6510, 86.7747, 95.0860



87.9972, 94.7687, 108.2620



18.2290, 18.0749, 19.8232



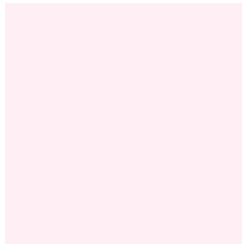
22.2680, 11.3965, 4.7959



2.2135, 1.1278, 0.7056

Previews

White Background



This preview shows how the XYZ color 87.9922, 88.8801, 97.3119 looks on a white background.

Color Contrast Check

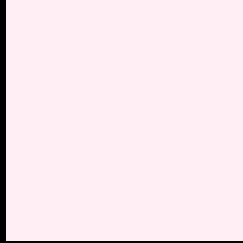
Large Text (above 18pt) WCAG AA × Fail

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 87.9922, 88.8801, 97.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

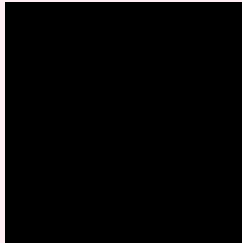
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9922, 88.8801, 97.3119

Background



This preview shows how black text looks on a background with the XYZ color 87.9922, 88.8801, 97.3119.

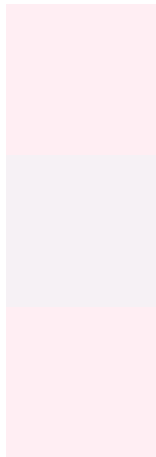


This preview shows how white text looks on a background with the XYZ color 87.9922, 88.8801,

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

87.9922, 88.8801, 97.3119

Protanopia

85.9428, 89.0960, 99.0538

Deuteranopia

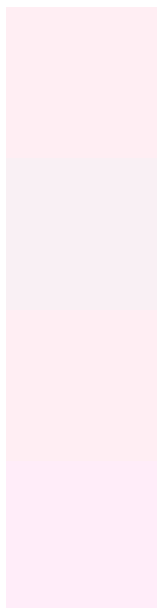
87.9922, 88.8801, 97.3119



Tritanopia

89.2538, 88.9202, 105.3876

Trichromacy



Original Color

87.9922, 88.8801, 97.3119

Protanomaly

86.5561, 88.9916, 98.2030

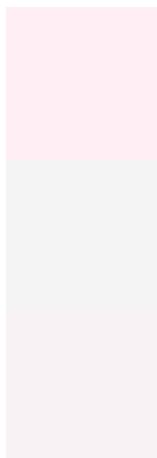
Deuteranomaly

87.9922, 88.8801, 97.3119

Tritanomaly

88.6231, 88.6679, 102.0662

Monochromacy



Original Color

87.9922, 88.8801, 97.3119

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.7927, 89.9924, 98.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9922, 88.8801, 97.3119 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(255, 238, 243) looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 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(255, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.9922, 88.8801, 97.3119 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(255, 238, 243) }
```


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

```
.border{ border-color:rgb(255, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9922, 88.8801, 97.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 243) }
```

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

```
.background{ background-color: rgb(255,  
238, 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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