

Converting Colors

XYZ(82.5997, 88.3197, 97.3979)

Have a look what the booklet for
XYZ(82.5997, 88.3197, 97.3979)
contains.

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Color

**XYZ(82.4892, 88.2344,
97.4773)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF3F3
RGB	235, 243, 243
RGB Percent	92%, 95%, 95%
CMY	0.0784, 0.0470, 0.0471
CMYK	0.03, 0.00, 0.00, 0.05
HSL	180°, 25%, 94%
HSV	180°, 3%, 95%
XYZ	82.4892, 88.2344, 97.4773
YIQ	240.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

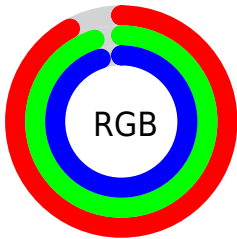
Format	Color
R _{YB}	235, 239, 243
Decimal	15463411
CIE Lab	95.26, -2.64, -0.93
CIE LCh	95, 2.795, 199.450
Yxy	88.2344, 0.3076, 0.3290
Android (android.graphics.Color)	4293653491 (0xFFEBF3F3)
YUV	240.6080, 1.1793, -4.9182
Hunter-Lab	93.9332, -7.6299, 4.2262

Details

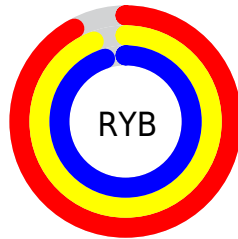
The XYZ color **82.4892, 88.2344, 97.4773** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6691, 84.4718, 90.6018**, and the grayscale version is **83.2969, 87.6348, 95.4343**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3304, 48.7122, 54.0269** is the 20% darker color. If you saturate the color by 10%, you get **75.0068, 84.3798, 97.1196**, and if you desaturate by 10%, it is **89.4720, 91.8364, 97.8153**.

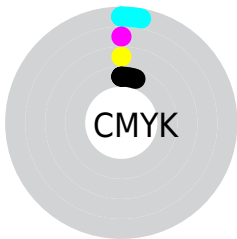
Distribution



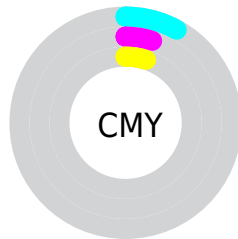
- Red (92%)
- Green (95%)
- Blue (95%)



- Red (92%)
- Yellow (94%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4892, 88.2344, 97.4773 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 82.4892, 88.2344, 97.4773 by changing the saturation by 10% instead.

82.4892, 88.2344,
97.4773

82.4892, 88.2344,
97.4773

491.8923,
522.2705, 573.2514

62.0843, 66.5172,
73.5903

135.7921,
144.8834, 159.7076

45.3567, 48.6924,
53.9640

169.4208,
180.5841, 198.8880

31.9410, 34.3755,
38.1799

208.1881,
221.7147, 244.0032

21.4717, 23.1822,
25.8194

252.4595,
268.6596, 295.4719

13.5837, 14.7281,
16.4641

302.6003,
321.8033, 353.7125

7.9114, 8.6288,
9.6952

358.9757,

4.0897, 4.4999,

381.5300, 419.1436

5.0944

421.9513,
448.2243, 492.1837

■ 1.7530, 1.9569,
2.2431

■ 0.4891, 0.5823,
0.6991

■ 82.4892, 88.2344,
97.4773

■ 82.4892, 88.2344,
97.4773

■ 75.0068, 84.3798,
97.1196

■ 89.4720, 91.8364,
97.8153

■ 68.5738, 81.0636,
96.8092

■ 89.4738, 91.8371,
97.8247

■ 63.1454, 78.2654,
96.5458

■ 89.4756, 91.8378,
97.8342

■ 58.6711, 75.9590,
96.3270

■ 89.4774, 91.8386,
97.8436

■ 55.0956, 74.1160,
96.1503

■ 89.4791, 91.8393,
97.8531

■ 52.3583, 72.7051,
96.0129

■ 89.4809, 91.8400,
97.8625

■ 50.3908, 71.6910,
95.9114

■ 89.4827, 91.8407,
97.8719

■ 49.1143, 71.0331,
95.8423

■ 89.4845, 91.8414,
97.8814

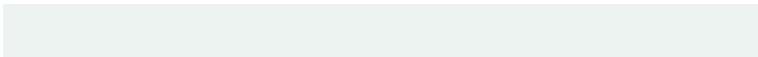
■ 48.4328, 70.6820,
95.8011

■ 89.4863, 91.8422,
97.8908

Harmonies

Analogous

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



82.4310, 88.2344, 95.3055



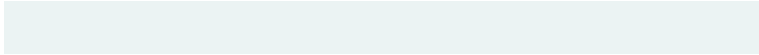
82.4892, 88.2344, 97.4773



82.9146, 88.2344, 99.2984

Triad

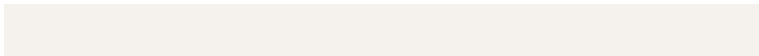
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4892, 88.2344, 97.4773



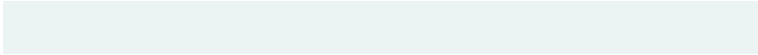
84.9832, 88.2344, 98.8281



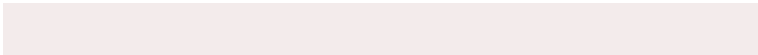
84.1329, 88.2344, 92.0030

Complementary

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



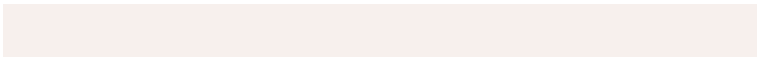
82.4892, 88.2344, 97.4773



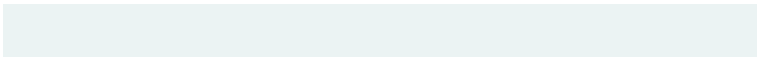
81.6691, 84.4718, 90.6018

Split Complementary

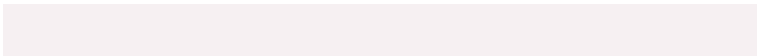
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8210, 88.2344, 92.9168



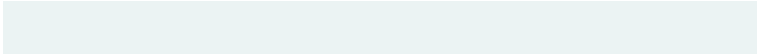
82.4892, 88.2344, 97.4773



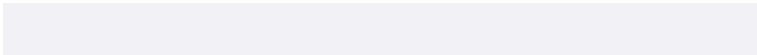
85.3138, 88.2344, 96.8431

Square

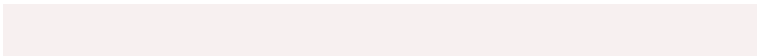
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4892, 88.2344, 97.4773



84.3533, 88.2344, 100.0864



85.2543, 88.2344, 94.6808



83.3769, 88.2344, 92.1669

Rectangle

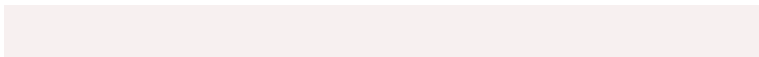
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



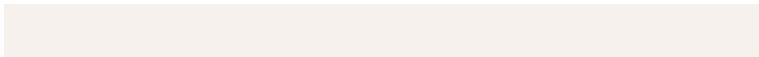
82.4892, 88.2344, 97.4773



83.3505, 88.2344, 100.0581



85.2543, 88.2344, 94.6808



84.3799, 88.2344, 92.1938

Sweetspot

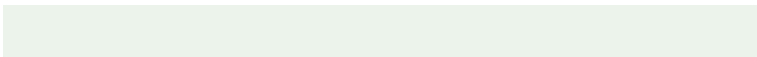
The Sweet Spot groups the original color and five complimentary colors.



82.4917, 88.2382, 97.4792



94.1179, 99.5195, 108.8553



81.3535, 87.7880, 91.2556



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

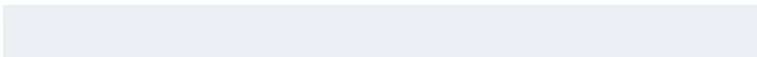
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4917, 88.2382, 97.4792



91.3956, 98.1162, 108.7248



81.3467, 85.9472, 97.1005



17.7860, 19.1647, 21.3033



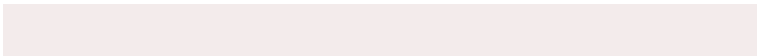
26.4597, 38.7287, 52.5681



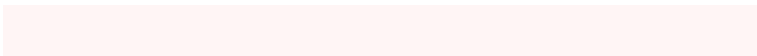
2.3257, 3.4039, 4.6208

Inverse Universe

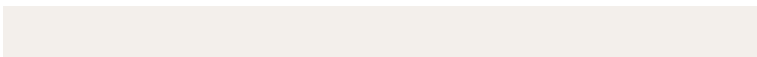
The Inverse Universe completely reimagines the original color for something new.



81.6691, 84.4718, 90.6018



90.2836, 93.0245, 99.4273



82.7883, 86.7110, 90.9721



17.5294, 17.9898, 19.1579



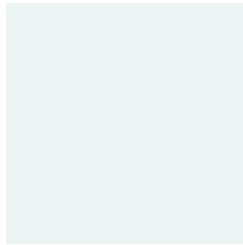
20.2867, 10.4581, 0.9520



1.7831, 0.9192, 0.0843

Previews

White Background



This preview shows how the XYZ color 82.4892, 88.2344, 97.4773 looks on a white background.

Color Contrast Check

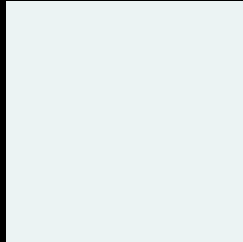
Large Text (above 18pt) WCAG AA × Fail

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 82.4892, 88.2344, 97.4773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

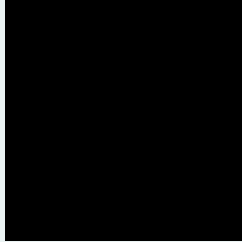
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

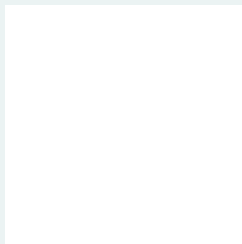
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4892, 88.2344, 97.4773

Background



This preview shows how black text looks on a background with the XYZ color 82.4892, 88.2344, 97.4773.



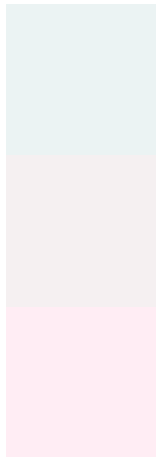
This preview shows how white text looks on a background with the XYZ color 82.4892, 88.2344,

97.4773.

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

82.4892, 88.2344, 97.4773

Protanopia

84.6935, 88.0835, 95.7571

Deuteranopia

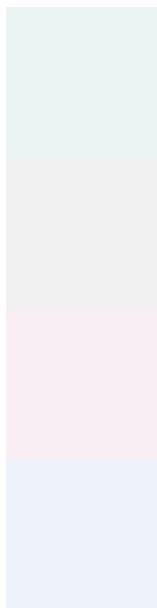
87.8533, 88.3600, 98.0128



Tritanopia

85.1019, 88.4813, 107.2010

Trichromacy



Original Color

82.4892, 88.2344, 97.4773

Protanomaly

83.7579, 88.0222, 96.5799

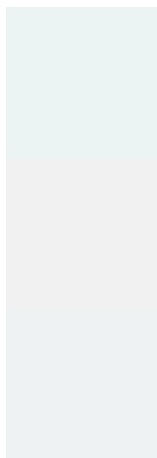
Deuteranomaly

85.9070, 88.2211, 98.0885

Tritanomaly

84.4246, 88.6464, 103.9276

Monochromacy



Original Color

82.4892, 88.2344, 97.4773

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.3757, 88.2658, 96.6470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4892, 88.2344, 97.4773 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(235, 243, 243) looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 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(235, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.4892, 88.2344, 97.4773 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(235, 243, 243) }
```


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

```
.border{ border-color:rgb(235, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4892, 88.2344, 97.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 243) }
```

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

```
.background{ background-color: rgb(235,  
243, 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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