

Converting Colors

XYZ(82.8889, 85.8008, 97.7804)

Have a look what the booklet for
XYZ(82.8889, 85.8008, 97.7804)
contains.

XYZ(82.8889, 85.8008, 97.7804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.8889, 85.8008,
97.7804)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EDF4
RGB	241, 237, 244
RGB Percent	95%, 93%, 96%
CMY	0.0549, 0.0706, 0.0431
CMYK	0.01, 0.03, 0.00, 0.04
HSL	274°, 24%, 94%
HSV	274°, 3%, 96%
XYZ	82.8889, 85.8008, 97.7804
YIQ	238.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

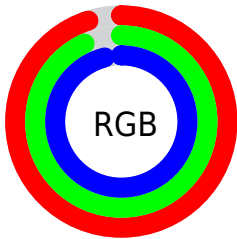
Format	Color
R _Y B	241, 237, 244
Decimal	15855092
CIE Lab	94.23, 2.58, -2.91
CIE LCh	94, 3.892, 311.601
Yxy	85.8008, 0.3111, 0.3220
Android (android.graphics.Color)	4294045172 (0xFFFF1EDF4)
YUV	238.9940, 2.4680, 1.7593
Hunter-Lab	92.6287, -2.3694, 2.2526

Details

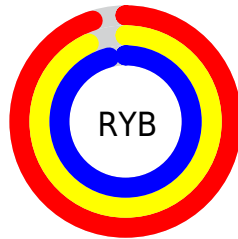
The XYZ color **82.8889, 85.8008, 97.7804** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5752, 89.3433, 92.9653**, and the grayscale version is **82.0229, 86.2944, 93.9746**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6086, 46.9929, 54.2437** is the 20% darker color. If you saturate the color by 10%, you get **72.8305, 70.8342, 95.4230**, and if you desaturate by 10%, it is **92.0408, 98.6475, 99.7790**.

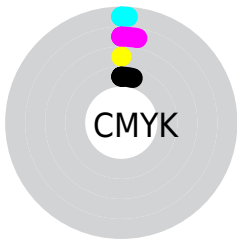
Distribution



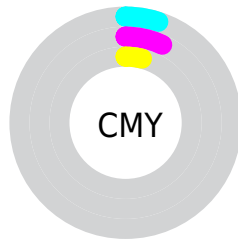
- Red (95%)
- Green (93%)
- Blue (96%)



- Red (95%)
- Yellow (93%)
- Blue (96%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8889, 85.8008, 97.7804 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 82.8889, 85.8008, 97.7804 by changing the saturation by 10% instead.

82.8889, 85.8008,
97.7804

82.8889, 85.8008,
97.7804

493.2057,
514.2741, 574.2385

62.4151, 64.5033,
73.8416

136.3492,
141.4915, 160.1288

45.6251, 47.0584,
54.1684

170.0664,
176.6534, 199.3754

32.1534, 33.0818,
38.3422

208.9287,
217.2056, 244.5618

21.6348, 22.1891,
25.9445

253.3017,
263.5324, 296.1065

13.7039, 13.9959,
16.5568

303.5504,
316.0183, 354.4279

7.9953, 8.1178,
9.7604

360.0405,

4.1438, 4.1704,

375.0476, 419.9447

5.1368

423.1371,
441.0048, 493.0754

■ 1.7838, 1.7694,
2.2676

■ 0.5079, 0.4680,
0.7130

■ 82.8889, 85.8008,
97.7804

■ 82.8889, 85.8008,
97.7804

■ 72.8305, 70.8342,
95.4230

■ 92.0408, 98.6475,
99.7790

■ 63.8941, 57.8132,
93.3807

■ 93.3294, 99.3117,
99.8393

■ 56.0375, 46.6575,
91.6415

■ 49.2129, 37.2767,
90.1905

■ 43.3684, 29.5727,
89.0115

■ 38.4472, 23.4375,
88.0867

■ 34.3860, 18.7502,
87.3960

■ 31.1121, 15.3713,
86.9164

■ 28.5380, 13.1325,
86.6199

Harmonies

Analogous

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



81.9548, 85.8008, 99.1582



82.8889, 85.8008, 97.7804



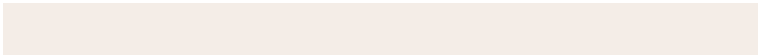
83.4675, 85.8008, 95.2458

Triad

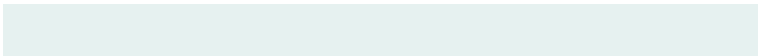
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8889, 85.8008, 97.7804



82.1853, 85.8008, 88.0816



79.6037, 85.8008, 94.5814

Complementary

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



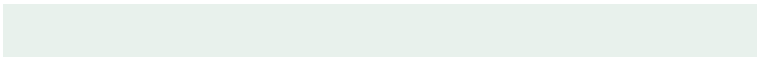
82.8889, 85.8008, 97.7804



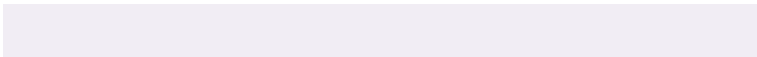
83.5752, 89.3433, 92.9653

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.



79.6642, 85.8008, 91.6226



82.8889, 85.8008, 97.7804



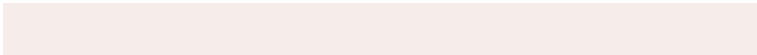
81.1487, 85.8008, 87.9123

Square

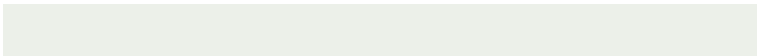
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



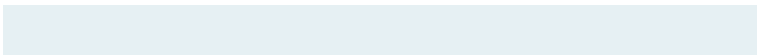
82.8889, 85.8008, 97.7804



83.0589, 85.8008, 89.6634



80.2277, 85.8008, 89.1960



80.0617, 85.8008, 97.2852

Rectangle

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



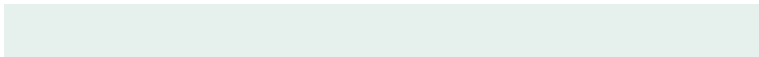
82.8889, 85.8008, 97.7804



83.5708, 85.8008, 93.2622



80.2277, 85.8008, 89.1960



79.5642, 85.8008, 93.5829

Sweetspot

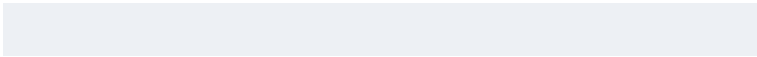
The Sweet Spot groups the original color and five complimentary colors.



82.8914, 85.8045, 97.7823



93.8407, 98.1770, 108.6119



82.4274, 86.8794, 98.0142



20.0985, 21.0331, 23.2504



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.



82.8914, 85.8045, 97.7823



91.4612, 94.5989, 108.0466



83.8532, 86.3085, 97.4580



17.7453, 18.2700, 21.1338



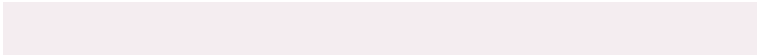
14.8611, 6.6355, 47.0355



1.4236, 0.6438, 4.1395

Inverse Universe

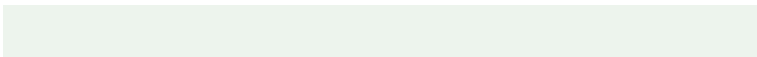
The Inverse Universe completely reimagines the original color for something new.



83.3237, 86.0967, 94.6693



91.9623, 94.9376, 104.4396



82.6333, 88.8499, 93.2774



17.8691, 18.3536, 20.2442



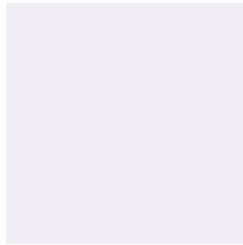
21.7278, 11.0346, 8.5409



1.9601, 0.9900, 1.0161

Previews

White Background



This preview shows how the XYZ color 82.8889, 85.8008, 97.7804 looks on a white background.

Color Contrast Check

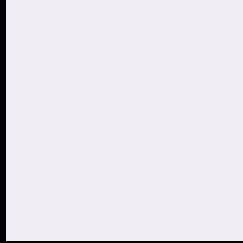
Large Text (above 18pt) WCAG AA × Fail

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 82.8889, 85.8008, 97.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

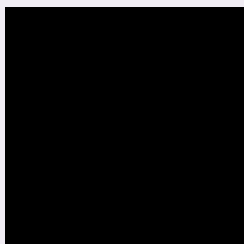
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

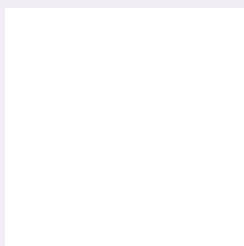
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8889, 85.8008, 97.7804

Background



This preview shows how black text looks on a background with the XYZ color 82.8889, 85.8008, 97.7804.



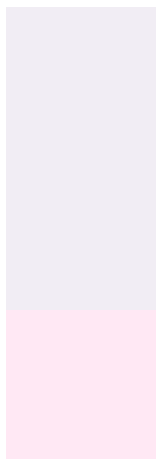
This preview shows how white text looks on a background with the XYZ color 82.8889, 85.8008,

97.7804.

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

82.8889, 85.8008, 97.7804

Protanopia

82.8889, 85.8008, 97.7804

Deuteranopia

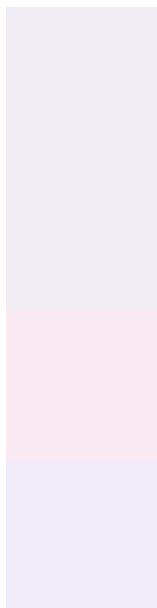
86.4257, 85.5049, 97.5369



Tritanopia

84.5599, 85.6271, 105.8368

Trichromacy



Original Color

82.8889, 85.8008, 97.7804

Protanomaly

82.8889, 85.8008, 97.7804

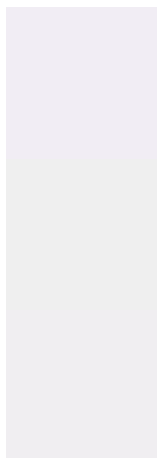
Deuteranomaly

85.1763, 85.7013, 97.6407

Tritanomaly

83.8687, 85.7703, 102.5774

Monochromacy



Original Color

82.8889, 85.8008, 97.7804

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.3869, 86.0252, 95.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8889, 85.8008, 97.7804 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(241, 237, 244) looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 244)  
}
```

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(241, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 82.8889, 85.8008, 97.7804 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(241, 237, 244) }
```


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

```
.border{ border-color:rgb(241, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 237, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 237, 244); box-shadow:4px 4px 4px 4px rgb(241, 237, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8889, 85.8008, 97.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 244) }
```

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

```
.background{ background-color: rgb(241,  
237, 244) }
```

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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