

Converting Colors

XYZ(81.8855, 85.9268, 89.3681)

Have a look what the booklet for XYZ(81.8855, 85.9268, 89.3681) contains.

XYZ(81.9005, 85.9095, 89.3564) 3

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Color

**XYZ(81.9005, 85.9095,
89.3564)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2EEE9 |
| RGB | 242, 238, 233 |
| RGB Percent | 95%, 93%, 91% |
| CMY | 0.0510, 0.0666, 0.0863 |
| CMYK | 0.00, 0.02, 0.04, 0.05 |
| HSL | 33°, 26%, 93% |
| HSV | 33°, 4%, 95% |
| XYZ | 81.9005, 85.9095, 89.3564 |
| YIQ | 238.6260, 3.9890, -0.7070 |

Conversions

Conversions Part 2

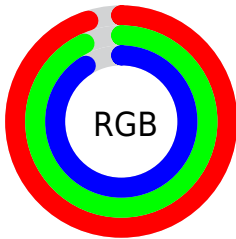
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 240, 242, 233 |
| Decimal | 15920873 |
| CIE Lab | 94.27, 0.48, 2.88 |
| CIE LCh | 94, 2.918, 80.590 |
| Yxy | 85.9095, 0.3185, 0.3341 |
| Android (android.graphics.Color) | 4294110953 (0xFF2EEE9) |
| YUV | 238.6260, -2.7736, 2.9590 |
| Hunter-Lab | 92.6874, -4.4766, 7.7219 |

Details

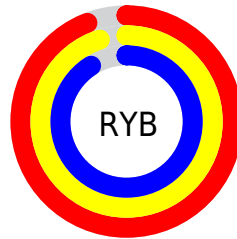
The XYZ color **81.9005, 85.9095, 89.3564** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9155, 84.3018, 96.0655**, and the grayscale version is **81.7741, 86.0327, 93.6897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9135, 47.0693, 48.3131** is the 20% darker color. If you saturate the color by 10%, you get **75.6431, 78.5523, 71.3682**, and if you desaturate by 10%, it is **88.4670, 93.6946, 108.0299**.

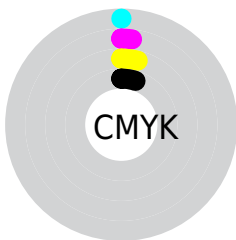
Distribution



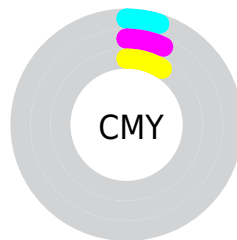
- Red (95%)
- Green (93%)
- Blue (91%)



- Red (94%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9005, 85.9095, 89.3564 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 81.9005, 85.9095, 89.3564 by changing the saturation by 10% instead.

81.9005, 85.9095,
89.3564

81.9005, 85.9095,
89.3564

489.9544,
514.6328, 546.4510

61.5974, 64.5931,
66.8763

134.9710,
141.6432, 148.3718

44.9618, 47.1312,
48.5231

168.4691,
176.8293, 185.7441

31.6285, 33.1394,
33.8784

207.0962,
217.4075, 228.9176

21.2321, 22.2333,
22.5236

251.2176,
263.7621, 278.3107

13.4072, 14.0284,
14.0402

301.1988,
316.2775, 334.3421

7.7884, 8.1404,
8.0095

357.4051,

4.0105, 4.1849,

375.3382, 397.4303

4.0132

420.2018,
441.3285, 467.9937

■ 1.7081, 1.7775,
1.6326

■ 0.4613, 0.4731,
0.3139

■ 81.9005, 85.9095,
89.3564

■ 81.9005, 85.9095,
89.3564

■ 75.6431, 78.5523,
71.3682

■ 88.4670, 93.6946,
108.0299

■ 70.0219, 71.7404,
55.8354

■ 90.4285, 97.6175,
108.6837

■ 65.0153, 65.4626,
42.6509

■ 60.5980, 59.7034,
31.6976

■ 56.7425, 54.4461,
22.8480

■ 53.4187, 49.6729,
15.9617

■ 50.5932, 45.3644,
10.8808

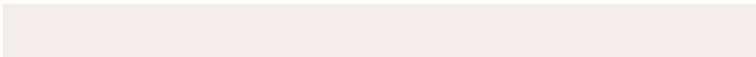
■ 48.2276, 41.4992,
7.4227

■ 46.2760, 38.0524,
5.3653

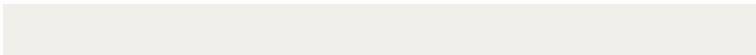
Harmonies

Analogous

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



82.6128, 85.9095, 90.2529



81.9005, 85.9095, 89.3564



81.1267, 85.9095, 89.5672

Triad

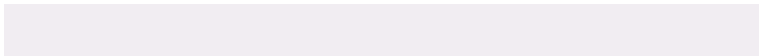
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9005, 85.9095, 89.3564



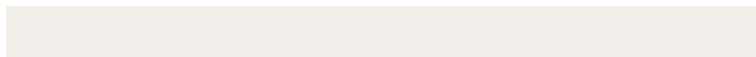
80.2549, 85.9095, 95.0635



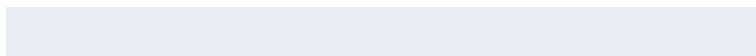
82.8217, 85.9095, 96.3015

Complementary

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



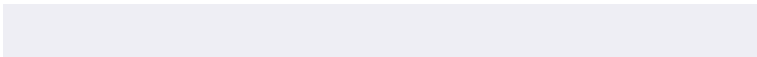
81.9005, 85.9095, 89.3564



79.9155, 84.3018, 96.0655

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.



82.1843, 85.9095, 97.6303



81.9005, 85.9095, 89.3564



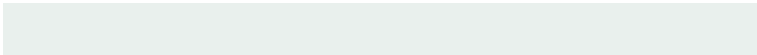
80.7035, 85.9095, 96.9076

Square

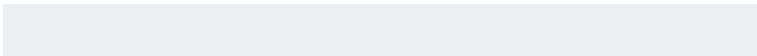
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



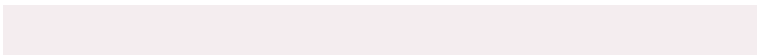
81.9005, 85.9095, 89.3564



80.1799, 85.9095, 92.8385



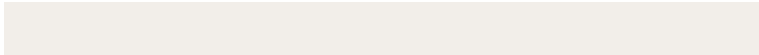
81.4088, 85.9095, 97.8539



83.1468, 85.9095, 94.2467

Rectangle

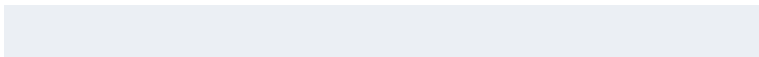
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



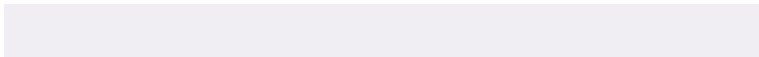
81.9005, 85.9095, 89.3564



80.6800, 85.9095, 90.3086



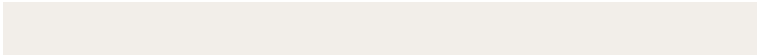
81.4088, 85.9095, 97.8539



82.6367, 85.9095, 96.8493

Sweetspot

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



81.9029, 85.9132, 89.3583



94.2820, 99.1166, 106.6320



81.0515, 83.2738, 91.9619



20.1883, 21.2244, 22.8475



0.0000, 0.0000, 0.0000



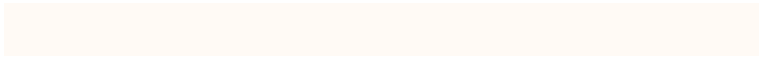
20.3446, 21.4041, 23.3091

Same Dimension

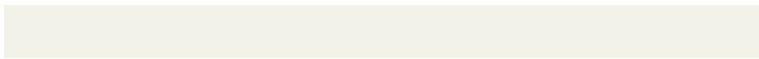
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9029, 85.9132, 89.3583



92.0232, 96.5049, 100.0034



82.9250, 88.1864, 89.7432



17.1375, 17.9608, 18.4406



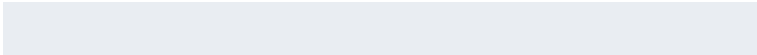
24.4311, 19.6603, 2.5072



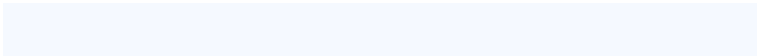
2.1315, 1.8337, 0.2416

Inverse Universe

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



79.9155, 84.3018, 96.0655



89.6138, 94.5512, 108.1348



78.9186, 82.0895, 95.6910



16.6073, 17.5308, 20.2301



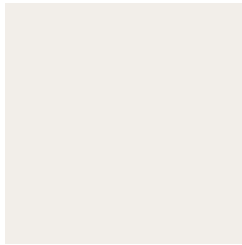
11.5908, 9.4058, 46.3325



1.0619, 0.9778, 3.8870

Previews

White Background



This preview shows how the XYZ color 81.9005, 85.9095, 89.3564 looks on a white background.

Color Contrast Check

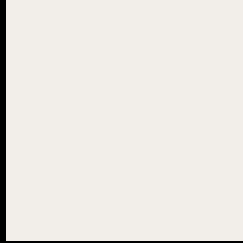
Large Text (above 18pt) WCAG AA × Fail

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 81.9005, 85.9095, 89.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

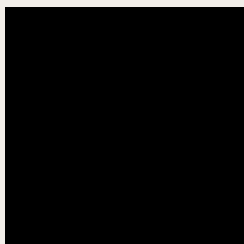
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

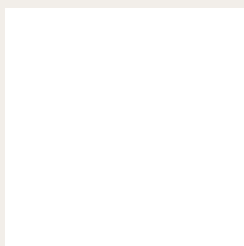
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9005, 85.9095, 89.3564

Background



This preview shows how black text looks on a background with the XYZ color 81.9005, 85.9095, 89.3564.



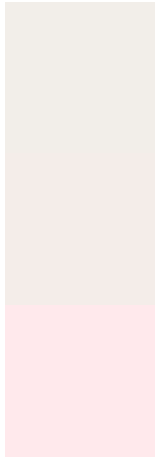
This preview shows how white text looks on a background with the XYZ color 81.9005, 85.9095,

89.3564.

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

81.9005, 85.9095, 89.3564

Protanopia

82.3004, 85.6847, 89.2919

Deuteranopia

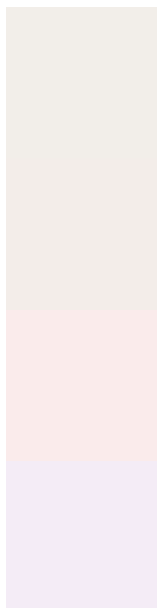
85.5192, 85.5940, 91.3708



Tritanopia

85.0941, 85.9210, 105.0280

Trichromacy



Original Color

81.9005, 85.9095, 89.3564

Protanomaly

81.9543, 85.5063, 89.2757

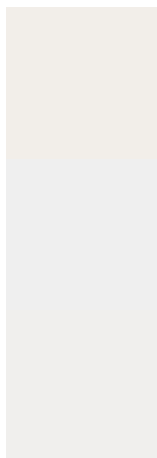
Deuteranomaly

84.1281, 85.7388, 90.7125

Tritanomaly

83.9382, 85.8778, 99.3408

Monochromacy



Original Color

81.9005, 85.9095, 89.3564

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.0877, 86.3727, 92.4659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9005, 85.9095, 89.3564 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(242, 238, 233) looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 233)  
}
```

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(242, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 233) }
```

Border

The CSS property to change the border of an element to XYZ 81.9005, 85.9095, 89.3564 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(242, 238, 233) }
```


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

```
.border{ border-color:rgb(242, 238, 233) }
```

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

Here you see how a box with a 4 pixel rgb(242, 238, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 238, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 238, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 238,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9005, 85.9095, 89.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 233) }
```

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

```
.background{ background-color: rgb(242,  
238, 233) }
```

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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