

Converting Colors

XYZ(82.7724, 86.9197, 89.7604)

Have a look what the booklet for
XYZ(82.7724, 86.9197, 89.7604)
contains.

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Color

**XYZ(82.5366, 86.6709,
89.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EFE9
RGB	243, 239, 233
RGB Percent	95%, 94%, 91%
CMY	0.0471, 0.0627, 0.0863
CMYK	0.00, 0.02, 0.04, 0.05
HSL	36°, 29%, 93%
HSV	36°, 4%, 95%
XYZ	82.5366, 86.6709, 89.4698
YIQ	239.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

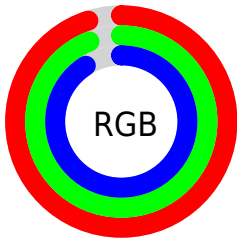
Format	Color
R_{YB}	240, 243, 233
Decimal	15986665
CIE _{Lab}	94.60, 0.31, 3.36
CIE _{LCh}	95, 3.373, 84.803
Yxy	86.6709, 0.3191, 0.3351
Android (android.graphics.Color)	4294176745 (0xFF3EFE9)
YUV	239.5120, -3.2104, 3.0590
Hunter-Lab	93.0972, -4.6685, 8.1882

Details

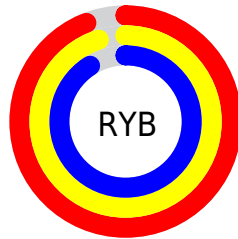
The XYZ color **82.5366, 86.6709, 89.4698** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0660, 84.3617, 96.8585**, and the grayscale version is **82.4671, 86.7618, 94.4836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3628, 47.6061, 48.3930** is the 20% darker color. If you saturate the color by 10%, you get **76.5358, 79.8466, 71.5061**, and if you desaturate by 10%, it is **88.8002, 93.8502, 108.0424**.

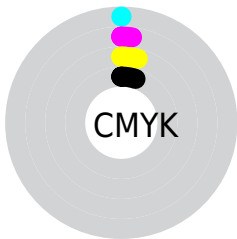
Distribution



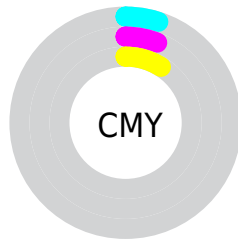
- Red (95%)
- Green (94%)
- Blue (91%)



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



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



- Cyan (5%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5366, 86.6709, 89.4698 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 82.5366, 86.6709, 89.4698 by changing the saturation by 10% instead.

82.5366, 86.6709,
89.4698

82.5366, 86.6709,
89.4698

492.0482,
517.1408, 546.8302

62.1236, 65.2229,
66.9697

135.8581,
142.7053, 148.5308

45.3885, 47.6418,
48.5986

169.4974,
178.0606, 185.9288

31.9661, 33.5433,
33.9378

208.2760,
218.8203, 229.1299

21.4911, 22.5430,
22.5689

252.5594,
265.3690, 278.5525

13.5979, 14.2564,
14.0732

302.7130,
318.0910, 334.6154

7.9214, 8.2992,
8.0323

359.1021,

4.0961, 4.2870,

377.3707, 397.7369

4.0275

422.0920,
443.5925, 468.3356

■ 1.7566, 1.8354,
1.6405

■ 0.4913, 0.5091,
0.3194

■ 82.5366, 86.6709,
89.4698

■ 82.5366, 86.6709,
89.4698

■ 76.5358, 79.8466,
71.5061

■ 88.8002, 93.8502,
108.0424

■ 71.1416, 73.5027,
56.0062

■ 90.7726, 97.7949,
108.6998

■ 66.3332, 67.6298,
42.8619

■ 62.0859, 62.2139,
31.9548

■ 58.3728, 57.2403,
23.1559

■ 55.1644, 52.6930,
16.3232

■ 52.4279, 48.5544,
11.2968

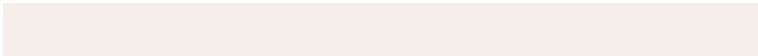
■ 50.1253, 44.8050,
7.8913

■ 48.2112, 41.4220,
5.8805

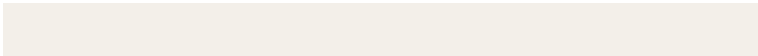
Harmonies

Analogous

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



83.3901, 86.6709, 90.3363



82.5366, 86.6709, 89.4698



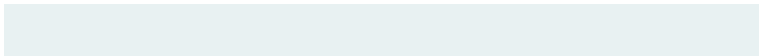
81.6467, 86.6709, 89.8964

Triad

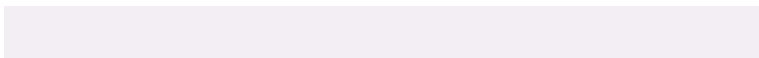
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5366, 86.6709, 89.4698



80.8009, 86.6709, 96.4863



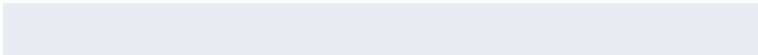
83.8153, 86.6709, 97.2860

Complementary

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



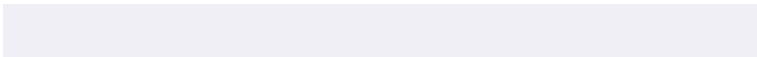
82.5366, 86.6709, 89.4698



80.0660, 84.3617, 96.8585

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.



83.1138, 86.6709, 98.9893



82.5366, 86.6709, 89.4698



81.3743, 86.6709, 98.5217

Square

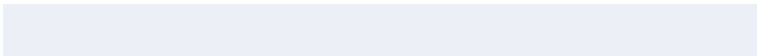
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



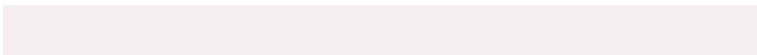
82.5366, 86.6709, 89.4698



80.6489, 86.6709, 93.9169



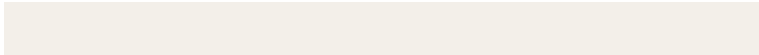
82.2198, 86.6709, 99.4457



84.1319, 86.6709, 94.8243

Rectangle

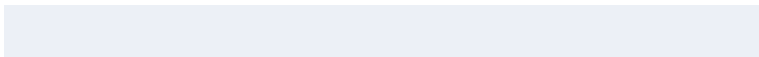
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5366, 86.6709, 89.4698



81.1520, 86.6709, 90.8609



82.2198, 86.6709, 99.4457



83.6165, 86.6709, 97.9680

Sweetspot

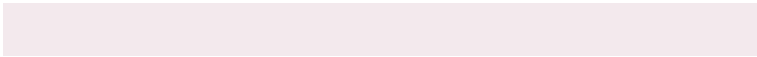
The Sweet Spot groups the original color and five complimentary colors.



82.5390, 86.6747, 89.4717



94.3179, 99.1885, 106.6440



81.3882, 83.4482, 91.9394



20.1956, 21.2390, 22.8500



0.0000, 0.0000, 0.0000



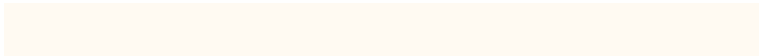
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5390, 86.6747, 89.4717



91.4609, 95.9985, 97.9105



83.3776, 88.8627, 89.8498



17.8329, 18.7107, 18.9082



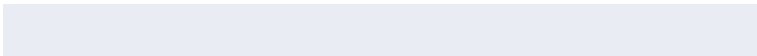
26.0554, 21.9964, 2.8725



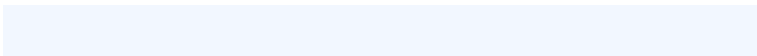
2.3904, 2.1340, 0.2859

Inverse Universe

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



80.0660, 84.3617, 96.8585



88.1200, 92.8738, 107.8898



79.2495, 82.2426, 96.4925



17.0926, 18.0183, 21.1196



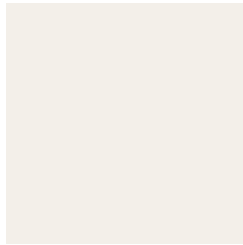
11.3529, 8.4995, 47.5802



1.0954, 0.9423, 4.2144

Previews

White Background



This preview shows how the XYZ color 82.5366, 86.6709, 89.4698 looks on a white background.

Color Contrast Check

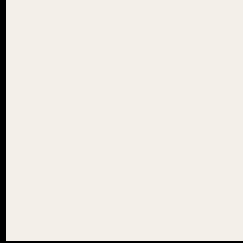
Large Text (above 18pt) WCAG AA × Fail

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 82.5366, 86.6709, 89.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

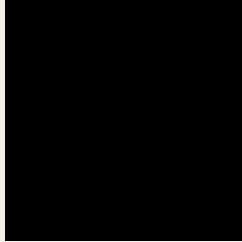
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

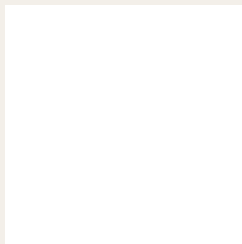
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5366, 86.6709, 89.4698

Background



This preview shows how black text looks on a background with the XYZ color 82.5366, 86.6709, 89.4698.



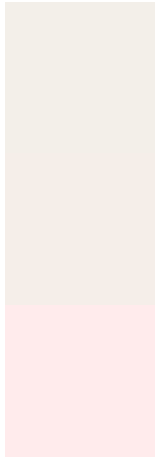
This preview shows how white text looks on a background with the XYZ color 82.5366, 86.6709, 89.4698.

89.4698.

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

82.5366, 86.6709, 89.4698

Protanopia

82.9387, 86.4447, 89.4050

Deuteranopia

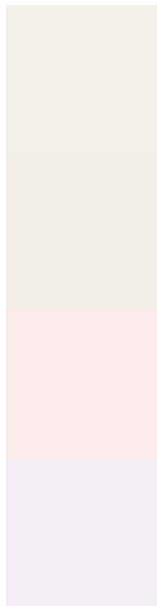
86.0887, 86.7328, 91.5606



Tritanopia

85.8909, 86.7395, 105.9814

Trichromacy



Original Color

82.5366, 86.6709, 89.4698

Protanomaly

82.5907, 86.2654, 89.3887

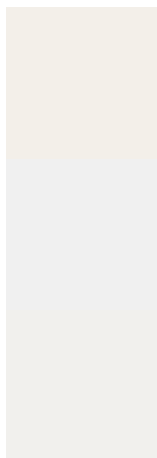
Deuteranomaly

84.7745, 86.4983, 90.8250

Tritanomaly

84.5749, 86.6347, 99.4534

Monochromacy



Original Color

82.5366, 86.6709, 89.4698

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.7218, 87.1354, 92.5797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5366, 86.6709, 89.4698 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(243, 239, 233) looks like.

```
.text, #text, p{  
    color:rgb(243, 239, 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(243, 239, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 233) }
```

Border

The CSS property to change the border of an element to XYZ 82.5366, 86.6709, 89.4698 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(243, 239, 233) }
```


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

```
.border{ border-color:rgb(243, 239, 233) }
```

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

Here you see how a box with a 4 pixel rgb(243, 239, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5366, 86.6709, 89.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 233) }
```

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

```
.background{ background-color: rgb(243,  
239, 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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