

Converting Colors

XYZ(86.1645, 89.9547, 93.9246)

Have a look what the booklet for
XYZ(86.1645, 89.9547, 93.9246)
contains.

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Color

**XYZ(85.8961, 89.6338,
93.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F2EE
RGB	248, 242, 238
RGB Percent	97%, 95%, 93%
CMY	0.0274, 0.0510, 0.0667
CMYK	0.00, 0.02, 0.04, 0.03
HSL	24°, 42%, 95%
HSV	24°, 4%, 97%
XYZ	85.8961, 89.6338, 93.6628
YIQ	243.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

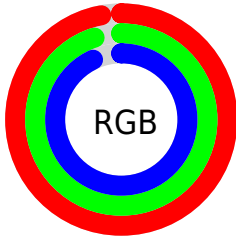
Format	Color
R_{YB}	248, 245, 238
Decimal	16315118
CIE _{Lab}	95.84, 1.32, 2.63
CIE _{LCh}	96, 2.939, 63.309
Yxy	89.6338, 0.3191, 0.3330
Android (android.graphics.Color)	4294505198 (0xFF8F2EE)
YUV	243.3380, -2.6316, 4.0886
Hunter-Lab	94.6751, -3.7334, 7.6166

Details

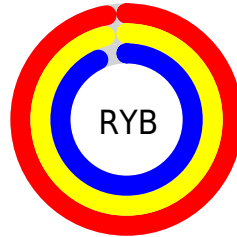
The XYZ color **85.8961, 89.6338, 93.6628** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5537, 89.6543, 101.6564**, and the grayscale version is **85.4803, 89.9320, 97.9359**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7406, 49.7017, 51.3332** is the 20% darker color. If you saturate the color by 10%, you get **78.2543, 79.7843, 74.3605**, and if you desaturate by 10%, it is **92.5218, 98.6967, 108.7817**.

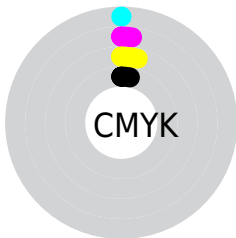
Distribution



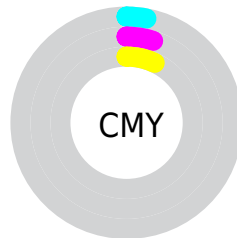
- Red (97%)
- Green (95%)
- Blue (93%)



- Red (97%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8961, 89.6338, 93.6628 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 85.8961, 89.6338, 93.6628 by changing the saturation by 10% instead.


 85.8961, 89.6338,
93.6628

 85.8961, 89.6338,
93.6628


503.0277,
526.8389, 560.7498

 64.9070, 67.6770,
70.4318

140.5321,
146.8296, 154.3956

 47.6501, 49.6350,
51.3997


174.9097,
182.8374, 192.7344

 33.7600, 35.1234,
36.1478

214.4809,
224.2976, 236.9462

 22.8713, 23.7580,
24.2578

259.6110,
271.5946, 287.4497

 14.6187, 15.1542,
15.3110

310.6653,
325.1129, 344.6632

 8.6368, 8.9277,
8.8889

368.0093,

 4.5602, 4.6940,

385.2367, 409.0053

4.5730

432.0083,
452.3506, 480.8947

■ 2.0237, 2.0689,
1.9446

■ 0.6472, 0.6470,
0.5209

■ 85.8961, 89.6338,
93.6628

■ 85.8961, 89.6338,
93.6628

■ 78.2543, 79.7843,
74.3605

■ 92.5218, 98.6967,
108.7817

■ 71.4429, 70.8262,
57.7096

■ 65.4338, 62.7369,
43.5942

■ 60.1944, 55.4887,
31.8879

■ 55.6895, 49.0523,
22.4528

■ 51.8809, 43.3962,
15.1374

■ 48.7263, 38.4867,
9.7710

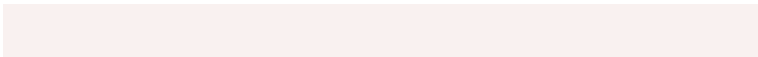
■ 46.1779, 34.2869,
6.1563

■ 44.1789, 30.7552,
4.0524

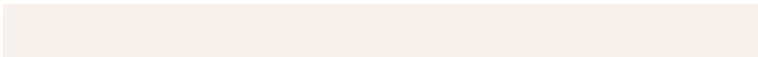
Harmonies

Analogous

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



86.5032, 89.6338, 95.1657



85.8961, 89.6338, 93.6628



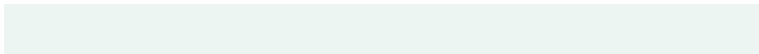
85.1043, 89.6338, 93.2081

Triad

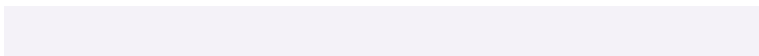
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8961, 89.6338, 93.6628



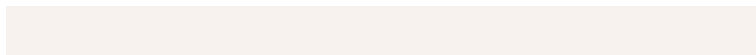
83.6480, 89.6338, 97.8538



86.0528, 89.6338, 101.3733

Complementary

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



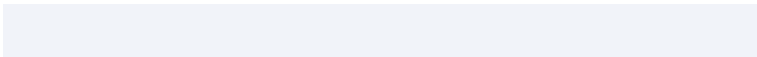
85.8961, 89.6338, 93.6628



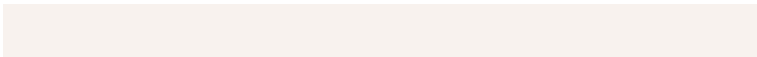
84.5537, 89.6543, 101.6564

Split Complementary

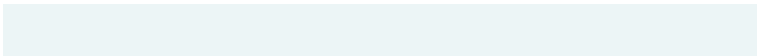
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2842, 89.6338, 102.1194



85.8961, 89.6338, 93.6628



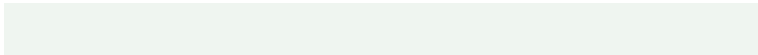
83.8986, 89.6338, 100.0673

Square

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



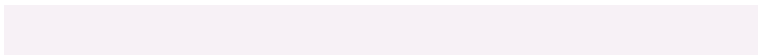
85.8961, 89.6338, 93.6628



83.8096, 89.6338, 95.6051



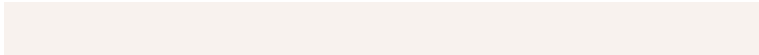
84.4962, 89.6338, 101.6377



86.5941, 89.6338, 99.6143

Rectangle

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



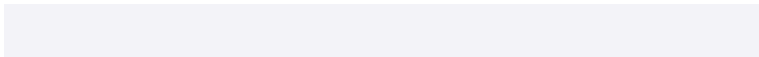
85.8961, 89.6338, 93.6628



84.5791, 89.6338, 93.5545



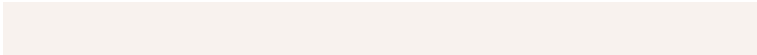
84.4962, 89.6338, 101.6377



85.8123, 89.6338, 101.7521

Sweetspot

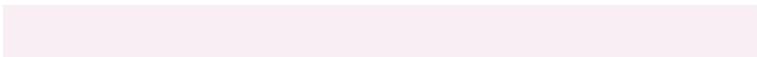
The Sweet Spot groups the original color and five complimentary colors.



85.8986, 89.6377, 93.6647



94.1563, 98.8653, 106.5901



85.6162, 87.6385, 97.9925



20.1628, 21.1732, 22.8390



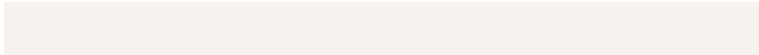
0.0000, 0.0000, 0.0000



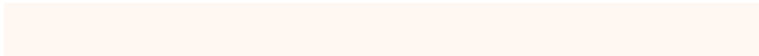
20.3446, 21.4041, 23.3091

Same Dimension

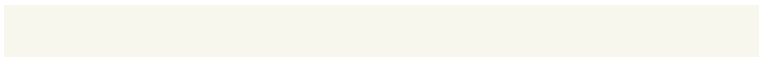
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8986, 89.6377, 93.6647



90.6743, 94.4252, 97.6482



87.4058, 92.6521, 94.1671



18.4591, 19.1939, 19.7015



23.4665, 15.8897, 1.8302



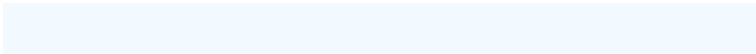
2.2740, 1.6729, 0.2030

Inverse Universe

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



84.5537, 89.6543, 101.6564



88.9066, 94.4470, 108.1520



83.0709, 86.6888, 101.1622



18.0487, 19.1990, 22.1398



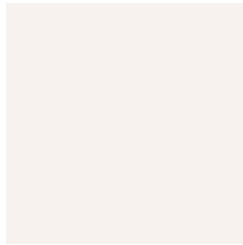
15.0729, 15.5013, 50.1712



1.4997, 1.6431, 4.6813

Previews

White Background



This preview shows how the XYZ color 85.8961, 89.6338, 93.6628 looks on a white background.

Color Contrast Check

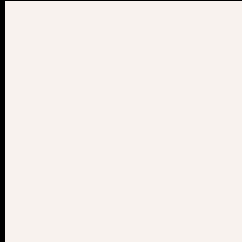
Large Text (above 18pt) WCAG AA × Fail

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 85.8961, 89.6338, 93.6628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

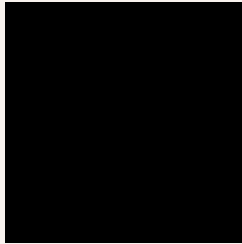
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

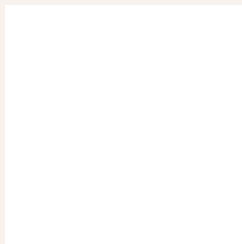
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8961, 89.6338, 93.6628

Background



This preview shows how black text looks on a background with the XYZ color 85.8961, 89.6338, 93.6628.



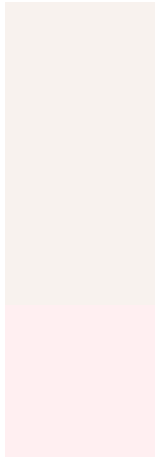
This preview shows how white text looks on a background with the XYZ color 85.8961, 89.6338,

93.6628.

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

85.8961, 89.6338, 93.6628

Protanopia

85.8961, 89.6338, 93.6628

Deuteranopia

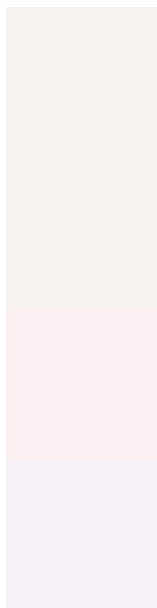
87.9837, 89.3439, 95.8269



Tritanopia

88.2770, 89.6799, 107.2650

Trichromacy



Original Color

85.8961, 89.6338, 93.6628

Protanomaly

85.8961, 89.6338, 93.6628

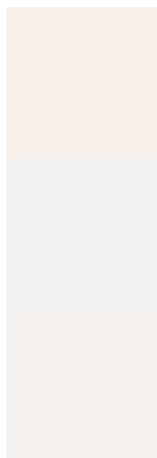
Deuteranomaly

87.0331, 89.3069, 95.0889

Tritanomaly

87.6211, 89.8899, 102.3549

Monochromacy



Original Color

85.8961, 89.6338, 93.6628

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5840, 89.8645, 96.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8961, 89.6338, 93.6628 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(248, 242, 238) looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 238)  
}
```

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(248, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 238) }
```

Border

The CSS property to change the border of an element to XYZ 85.8961, 89.6338, 93.6628 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(248, 242, 238) }
```


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

```
.border{ border-color:rgb(248, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8961, 89.6338, 93.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 238) }
```

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

```
.background{ background-color: rgb(248,  
242, 238) }
```

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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