

Converting Colors

XYZ(86.5292, 89.4446, 95.0673)

Have a look what the booklet for
XYZ(86.5292, 89.4446, 95.0673)
contains.

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Color

**XYZ(86.6078, 89.5259,
95.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF1F0
RGB	250, 241, 240
RGB Percent	98%, 95%, 94%
CMY	0.0196, 0.0549, 0.0588
CMYK	0.00, 0.04, 0.04, 0.02
HSL	6°, 50%, 96%
HSV	6°, 4%, 98%
XYZ	86.6078, 89.5259, 95.1536
YIQ	243.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

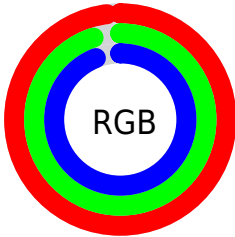
Format	Color
R _Y B	250, 241, 240
Decimal	16445936
CIE Lab	95.80, 2.85, 1.54
CIE LCh	96, 3.238, 28.499
Yxy	89.5259, 0.3192, 0.3300
Android (android.graphics.Color)	4294636016 (0xFFFAF1F0)
YUV	243.5770, -1.7635, 5.6330
Hunter-Lab	94.6181, -2.1935, 6.6071

Details

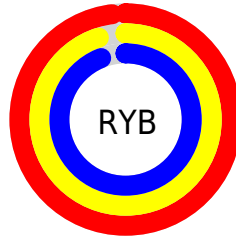
The XYZ color **86.6078, 89.5259, 95.1536** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.0660, 93.1772, 103.8397**, and the grayscale version is **85.6638, 90.1250, 98.1461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2488, 49.6279, 52.3836** is the 20% darker color. If you saturate the color by 10%, you get **76.8964, 75.6419, 74.8385**, and if you desaturate by 10%, it is **93.2348, 99.0642, 108.8150**.

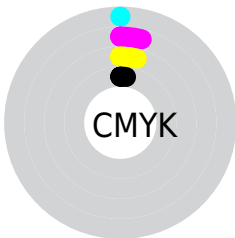
Distribution



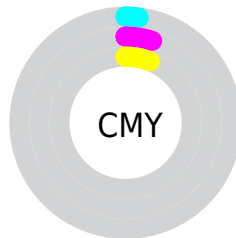
- Red (98%)
- Green (95%)
- Blue (94%)



- Red (98%)
- Yellow (95%)
- Blue (94%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6078, 89.5259, 95.1536 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 86.6078, 89.5259, 95.1536 by changing the saturation by 10% instead.

86.6078, 89.5259,
95.1536

86.6078, 89.5259,
95.1536

505.3371,
526.4874, 565.6535

65.4976, 67.5875,
71.6652

141.5198,
146.6797, 156.4742

48.1309, 49.5622,
52.4001

176.0524,
182.6638, 195.1435

34.1423, 35.0657,
36.9396

215.7898,
224.0987, 239.7102

23.1663, 23.7135,
24.8653

261.0975,
271.3687, 290.5928

14.8377, 15.1212,
15.7586

312.3406,
324.8581, 348.2099

8.7912, 8.9045,
9.2010

369.8847,

4.6612, 4.6789,

384.9515, 412.9801

4.7739

434.0951,
452.0331, 485.3217

■ 2.0826, 2.0601,
2.0588

■ 0.6797, 0.6421,
0.5911

■ 86.6078, 89.5259,
95.1536

■ 86.6078, 89.5259,
95.1536

■ 76.8964, 75.6419,
74.8385

■ 93.2348, 99.0642,
108.8150

■ 68.4654, 63.5344,
57.3709

■ 61.2635, 53.1350,
42.6251

■ 55.2331, 44.3669,
30.4640

■ 50.3118, 37.1470,
20.7383

■ 46.4317, 31.3852,
13.2838

■ 43.5169, 26.9819,
7.9156

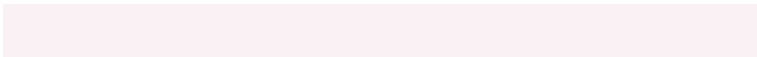
■ 41.4815, 23.8249,
4.4199

■ 40.2236, 21.7839,
2.5366

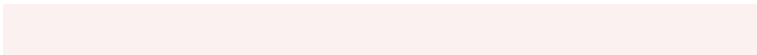
Harmonies

Analogous

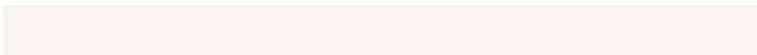
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8177, 89.5259, 97.6072



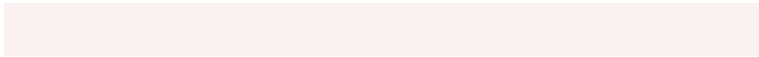
86.6078, 89.5259, 95.1536



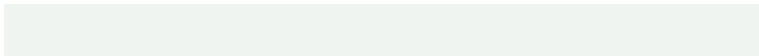
85.9909, 89.5259, 93.3503

Triad

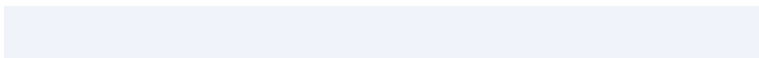
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6078, 89.5259, 95.1536



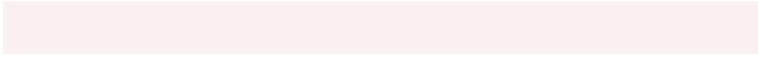
83.6378, 89.5259, 94.9345



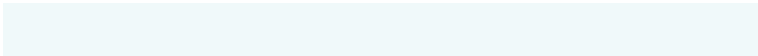
85.0468, 89.5259, 102.4714

Complementary

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



86.6078, 89.5259, 95.1536



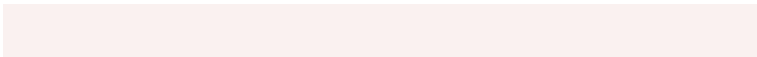
87.0660, 93.1772, 103.8397

Split Complementary

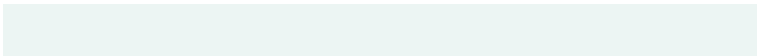
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1987, 89.5259, 101.7266



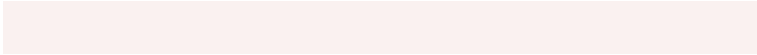
86.6078, 89.5259, 95.1536



83.3887, 89.5259, 97.3499

Square

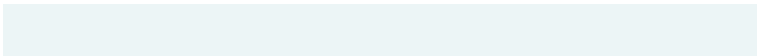
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6078, 89.5259, 95.1536



84.2760, 89.5259, 93.2254



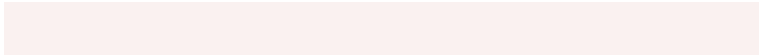
83.5934, 89.5259, 99.8409



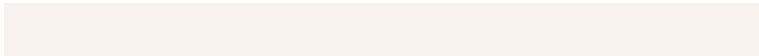
85.9126, 89.5259, 101.8590

Rectangle

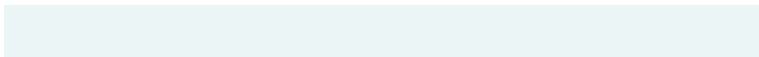
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.6078, 89.5259, 95.1536



85.4341, 89.5259, 92.7442



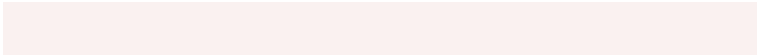
83.5934, 89.5259, 99.8409



84.7502, 89.5259, 102.3712

Sweetspot

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



86.6103, 89.5298, 95.1555



93.9147, 98.3820, 106.5096



87.6845, 89.4851, 102.2745



20.1136, 21.0749, 22.8226



0.0000, 0.0000, 0.0000



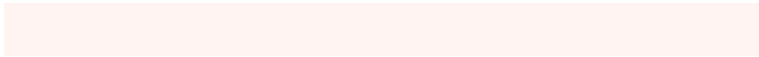
20.3446, 21.4041, 23.3091

Same Dimension

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



86.6103, 89.5298, 95.1555



89.5142, 92.1051, 97.2616



88.1094, 92.5280, 95.6552



18.1905, 18.6567, 19.6120



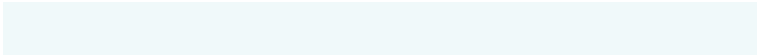
21.1440, 11.2446, 1.0560



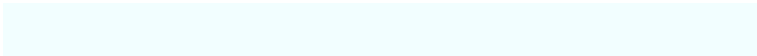
2.0035, 1.1319, 0.1129

Inverse Universe

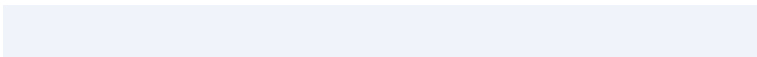
The Inverse Universe completely reimagines the original color for something new.



87.0660, 93.1772, 103.8397



90.1066, 96.8472, 108.5520



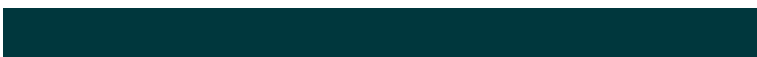
85.5424, 90.1301, 103.3318



18.3280, 19.7575, 22.2329



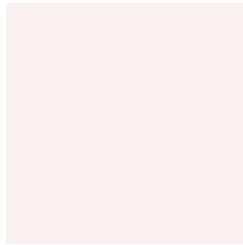
23.4801, 32.3158, 52.9736



2.2164, 3.0765, 4.9202

Previews

White Background



This preview shows how the XYZ color 86.6078, 89.5259, 95.1536 looks on a white background.

Color Contrast Check

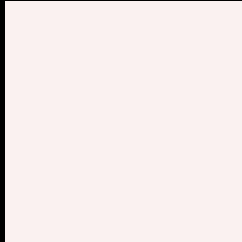
Large Text (above 18pt) WCAG AA × Fail

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 86.6078, 89.5259, 95.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

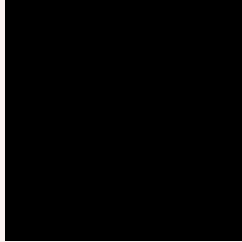
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

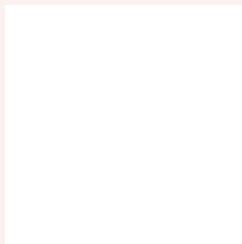
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6078, 89.5259, 95.1536

Background



This preview shows how black text looks on a background with the XYZ color 86.6078, 89.5259, 95.1536.



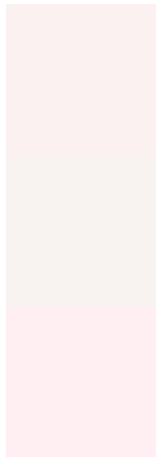
This preview shows how white text looks on a background with the XYZ color 86.6078, 89.5259,

95.1536.

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

86.6078, 89.5259, 95.1536

Protanopia

86.1917, 89.7520, 95.2192

Deuteranopia

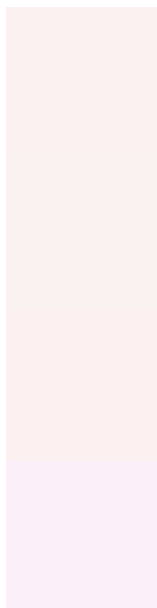
88.1335, 89.4038, 96.6159



Tritanopia

88.7002, 89.4622, 107.2007

Trichromacy



Original Color

86.6078, 89.5259, 95.1536

Protanomaly

86.5472, 89.9353, 95.2358

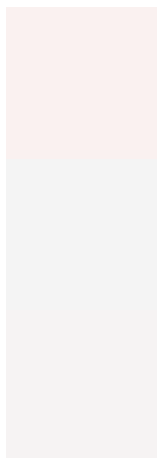
Deuteranomaly

87.5453, 89.5537, 95.8905

Tritanomaly

88.1991, 89.7315, 103.1138

Monochromacy



Original Color

86.6078, 89.5259, 95.1536

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2343, 90.1651, 97.6526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6078, 89.5259, 95.1536 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(250, 241, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 241, 240)  
}
```

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(250, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 86.6078, 89.5259, 95.1536 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(250, 241, 240) }
```


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

```
.border{ border-color:rgb(250, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6078, 89.5259, 95.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 241, 240) }
```

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

```
.background{ background-color: rgb(250,  
241, 240) }
```

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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