

Converting Colors

XYZ(86.7610, 90.5396, 93.0239)

Have a look what the booklet for
XYZ(86.7610, 90.5396, 93.0239)
contains.

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Color

**XYZ(86.7610, 90.5396,
93.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF3ED
RGB	250, 243, 237
RGB Percent	98%, 95%, 93%
CMY	0.0196, 0.0470, 0.0706
CMYK	0.00, 0.03, 0.05, 0.02
HSL	28°, 57%, 95%
HSV	28°, 5%, 98%
XYZ	86.7610, 90.5396, 93.0239
YIQ	244.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

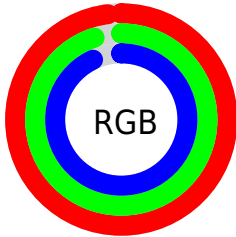
Format	Color
R_{YB}	250, 248, 237
Decimal	16446445
CIE Lab	96.22, 1.32, 3.71
CIE LCh	96, 3.935, 70.415
Yxy	90.5396, 0.3210, 0.3349
Android (android.graphics.Color)	4294636525 (0xFFFAF3ED)
YUV	244.4090, -3.6526, 4.9033
Hunter-Lab	95.1523, -3.7581, 8.6428

Details

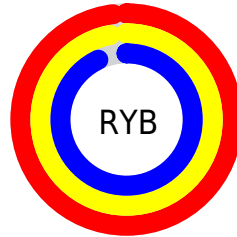
The XYZ color **86.7610, 90.5396, 93.0239** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5310, 89.6067, 103.2842**, and the grayscale version is **86.3437, 90.8403, 98.9251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3589, 50.3462, 50.8851** is the 20% darker color. If you saturate the color by 10%, you get **79.4812, 81.4228, 73.8155**, and if you desaturate by 10%, it is **93.2348, 99.0642, 108.8151**.

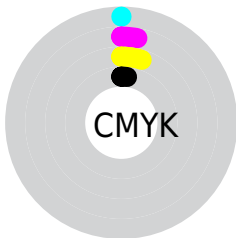
Distribution



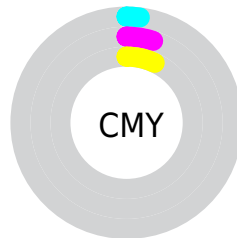
- Red (98%)
- Green (95%)
- Blue (93%)



- Red (98%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.7610, 90.5396, 93.0239 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 86.7610, 90.5396, 93.0239 by changing the saturation by 10% instead.

86.7610, 90.5396,
93.0239

86.7610, 90.5396,
93.0239

505.8335,
529.7846, 558.6411

65.6248, 68.4283,
69.9036

141.7323,
148.0877, 153.5037

48.2345, 50.2462,
50.9716

176.2982,
184.2933, 191.7003

34.2246, 35.6091,
35.8095

216.0713,
225.9657, 235.7593

23.2299, 24.1324,
23.9985

261.4171,
273.4894, 286.0994

14.8850, 15.4319,
15.1203

312.7008,
327.2487, 343.1391

8.8245, 9.1231,
8.7563

370.2879,

4.6831, 4.8215,

387.6281, 407.2969

4.4880

434.5437,
455.0119, 478.9914

■ 2.0954, 2.1429,
1.8967

■ 0.6867, 0.6886,
0.4906

■ 86.7610, 90.5396,
93.0239

■ 86.7610, 90.5396,
93.0239

■ 79.4812, 81.4228,
73.8155

■ 93.2348, 99.0642,
108.8151

■ 72.9760, 73.0750,
57.2732

■ 67.2191, 65.4780,
43.2788

■ 62.1795, 58.6089,
31.7028

■ 57.8240, 52.4430,
22.4044

■ 54.1161, 46.9543,
15.2279

■ 51.0155, 42.1144,
9.9976

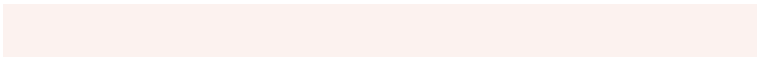
■ 48.4760, 37.8922,
6.5093

■ 46.4418, 34.2521,
4.5114

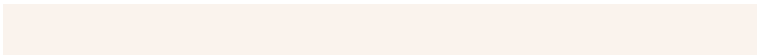
Harmonies

Analogous

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



87.6639, 90.5396, 94.7343



86.7610, 90.5396, 93.0239



85.6761, 90.5396, 92.7847

Triad

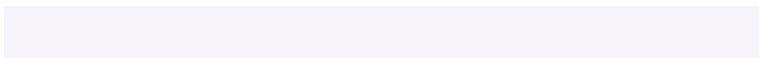
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7610, 90.5396, 93.0239



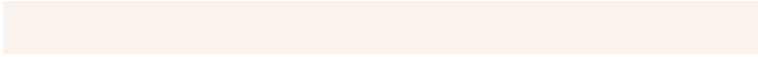
84.0063, 90.5396, 99.6735



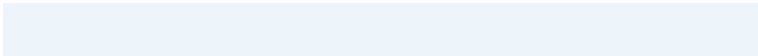
87.4238, 90.5396, 103.2324

Complementary

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



86.7610, 90.5396, 93.0239



84.5310, 89.6067, 103.2842

Split Complementary

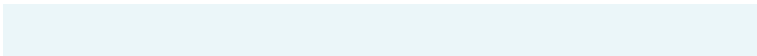
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4354, 90.5396, 104.6164



86.7610, 90.5396, 93.0239



84.4662, 90.5396, 102.5330

Square

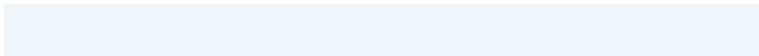
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



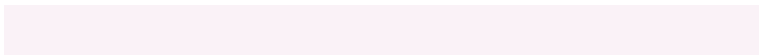
86.7610, 90.5396, 93.0239



84.0918, 90.5396, 96.5800



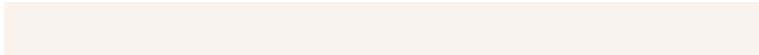
85.3532, 90.5396, 104.3577



88.0488, 90.5396, 100.6119

Rectangle

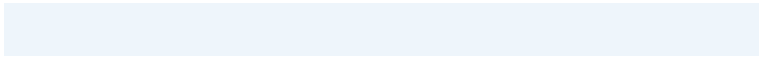
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.7610, 90.5396, 93.0239



84.9964, 90.5396, 93.4862



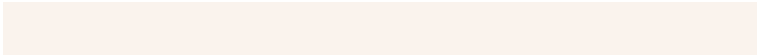
85.3532, 90.5396, 104.3577



87.1227, 90.5396, 103.8602

Sweetspot

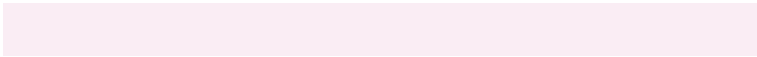
The Sweet Spot groups the original color and five complimentary colors.



86.7635, 90.5435, 93.0259



93.3704, 97.9373, 104.3429



86.0617, 87.4345, 98.0493



20.0027, 20.9843, 22.3814



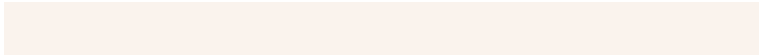
0.0000, 0.0000, 0.0000



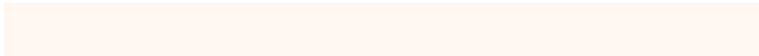
20.3446, 21.4041, 23.3091

Same Dimension

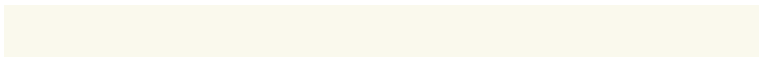
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7635, 90.5435, 93.0259



90.1131, 93.9124, 95.5820



88.6955, 94.4076, 93.6699



18.3602, 19.1134, 19.3067



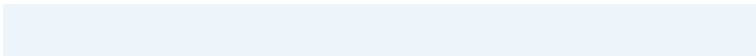
24.3328, 17.6222, 2.1189



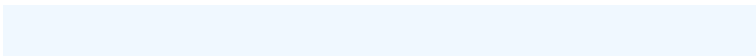
2.3584, 1.8417, 0.2312

Inverse Universe

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



84.5310, 89.6067, 103.2842



87.4303, 92.7866, 107.9093



82.6544, 85.8535, 102.6586



17.7545, 18.8593, 22.0897



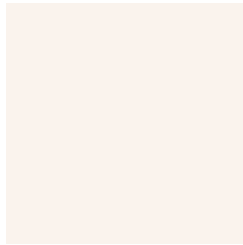
13.8594, 13.0744, 49.7667



1.3897, 1.4231, 4.6446

Previews

White Background



This preview shows how the XYZ color 86.7610, 90.5396, 93.0239 looks on a white background.

Color Contrast Check

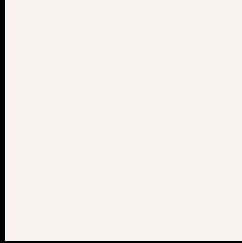
Large Text (above 18pt) WCAG AA × Fail

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 86.7610, 90.5396, 93.0239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

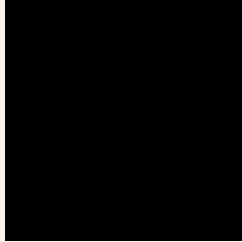
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

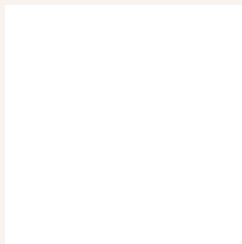
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7610, 90.5396, 93.0239

Background



This preview shows how black text looks on a background with the XYZ color 86.7610, 90.5396, 93.0239.

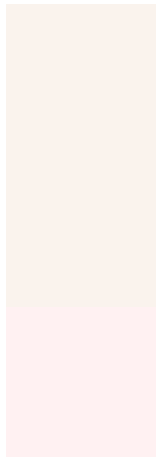


This preview shows how white text looks on a background with the XYZ color 86.7610, 90.5396,

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

86.7610, 90.5396, 93.0239

Protanopia

86.7610, 90.5396, 93.0239

Deuteranopia

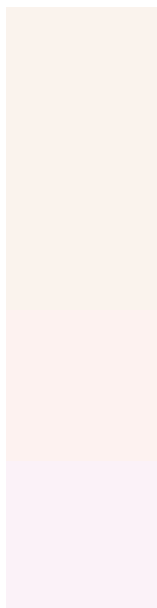
88.7223, 90.5814, 96.8122



Tritanopia

89.2890, 90.6398, 107.3969

Trichromacy



Original Color

86.7610, 90.5396, 93.0239

Protanomaly

86.7610, 90.5396, 93.0239

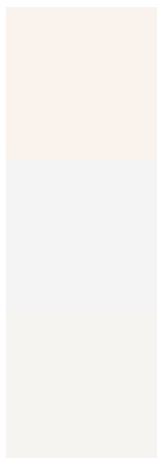
Deuteranomaly

87.9883, 90.6782, 95.3032

Tritanomaly

88.4791, 90.7908, 101.6680

Monochromacy



Original Color

86.7610, 90.5396, 93.0239

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2339, 90.6451, 96.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7610, 90.5396, 93.0239 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, 243, 237) looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 237)  
}
```

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, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.7610, 90.5396, 93.0239 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, 243, 237) }
```


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

```
.border{ border-color:rgb(250, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7610, 90.5396, 93.0239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 237) }
```

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

```
.background{ background-color: rgb(250,  
243, 237) }
```

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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