

Converting Colors

XYZ(86.3350, 91.5540, 94.5351)

Have a look what the booklet for
XYZ(86.3350, 91.5540, 94.5351)
contains.

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Color

**XYZ(86.5418, 91.7364,
94.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F6EF
RGB	246, 246, 239
RGB Percent	96%, 96%, 94%
CMY	0.0353, 0.0353, 0.0627
CMYK	0.00, 0.00, 0.03, 0.04
HSL	60°, 28%, 95%
HSV	60°, 3%, 96%
XYZ	86.5418, 91.7364, 94.8070
YIQ	245.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

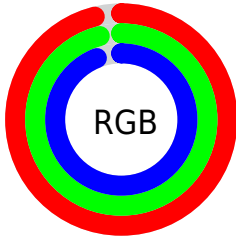
Format	Color
R _Y B	239, 246, 239
Decimal	16185071
CIE Lab	96.71, -1.21, 3.35
CIE LCh	97, 3.563, 109.884
Yxy	91.7364, 0.3169, 0.3359
Android (android.graphics.Color)	4294375151 (0xFF6F6EF)
YUV	245.2020, -3.0576, 0.6998
Hunter-Lab	95.7791, -6.3287, 8.3572

Details

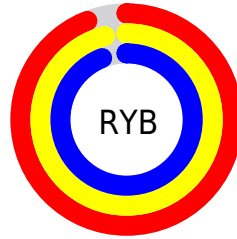
The XYZ color **86.5418, 91.7364, 94.8070** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.1012, 86.7400, 99.5562**, and the grayscale version is **86.9784, 91.5081, 99.6523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1959, 51.1930, 52.1408** is the 20% darker color. If you saturate the color by 10%, you get **83.1474, 90.3809, 76.9502**, and if you desaturate by 10%, it is **89.0198, 92.7312, 107.8148**.

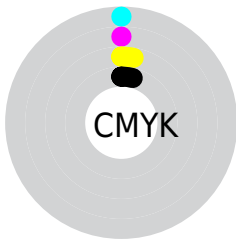
Distribution



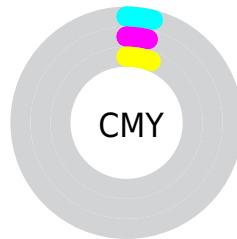
- Red (96%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (94%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5418, 91.7364, 94.8070 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 86.5418, 91.7364, 94.8070 by changing the saturation by 10% instead.

86.5418, 91.7364,
94.8070

86.5418, 91.7364,
94.8070

505.1232,
533.6632, 564.5155

65.4429, 69.4217,
71.3784

141.4283,
149.7480, 155.9912

48.0863, 51.0552,
52.1673

175.9465,
186.2137, 194.5839

34.1068, 36.2526,
36.7553

215.6685,
228.1652, 239.0683

23.1389, 24.6293,
24.7238

260.9597,
275.9868, 289.8630

14.8174, 15.8011,
15.6542

312.1854,
330.0631, 347.3865

8.7768, 9.3835,
9.1281

369.7110,

4.6518, 4.9922,

390.7783, 412.0574

4.7269

433.9018,
458.5169, 484.2942

■ 2.0771, 2.2427,
2.0320

■ 0.6767, 0.7431,
0.5749

■ 86.5418, 91.7364,
94.8070

■ 86.5418, 91.7364,
94.8070

■ 83.1474, 90.3809,
76.9502

■ 89.0198, 92.7312,
107.8148

■ 80.2253, 89.2114,
61.5922


■ 89.0254, 92.7341,
107.8151


■ 77.7570, 88.2235,
48.6234


■ 89.0310, 92.7370,
107.8153


■ 75.7196, 87.4078,
37.9238


■ 89.0366, 92.7399,
107.8156


 74.0883, 86.7547,
29.3631


 89.0423, 92.7428,
107.8159


 72.8359, 86.2531,
22.7975


 89.0479, 92.7457,
107.8161


 71.9318, 85.8908,
18.0658

 89.0535, 92.7486,
107.8164

 71.3406, 85.6536,
14.9818

 89.0592, 92.7515,
107.8166

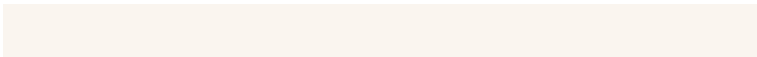
 71.0194, 85.5245,
13.3199

 89.0648, 92.7544,
107.8169

Harmonies

Analogous

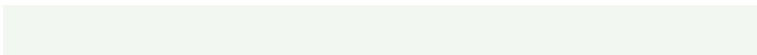
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5301, 91.7364, 94.5733



86.5418, 91.7364, 94.8070



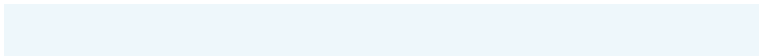
85.7337, 91.7364, 96.3867

Triad

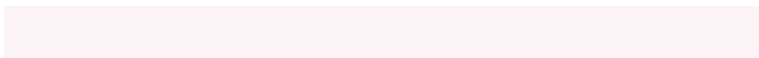
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5418, 91.7364, 94.8070



85.9624, 91.7364, 104.1464



89.0951, 91.7364, 100.8535

Complementary

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



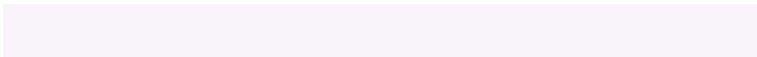
86.5418, 91.7364, 94.8070



83.1012, 86.7400, 99.5562

Split Complementary

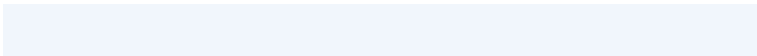
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6681, 91.7364, 103.4676



86.5418, 91.7364, 94.8070



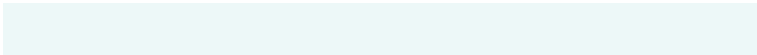
86.8562, 91.7364, 105.3926

Square

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



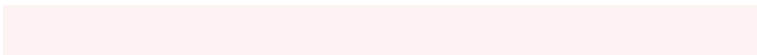
86.5418, 91.7364, 94.8070



85.4010, 91.7364, 101.7658



87.8468, 91.7364, 105.1419



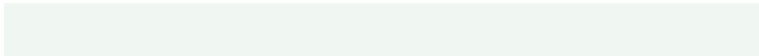
89.0093, 91.7364, 98.0282

Rectangle

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



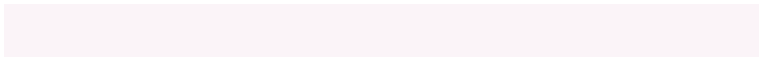
86.5418, 91.7364, 94.8070



85.4036, 91.7364, 98.0076



87.8468, 91.7364, 105.1419



89.0066, 91.7364, 101.7870

Sweetspot

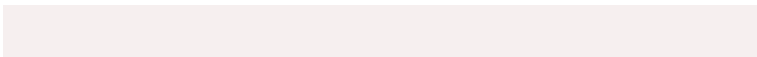
The Sweet Spot groups the original color and five complimentary colors.



86.5444, 91.7404, 94.8090



94.6415, 99.8365, 106.7520



84.4554, 87.5600, 94.1122



20.2615, 21.3708, 22.8720



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.



86.5444, 91.7404, 94.8090



93.8407, 99.5161, 102.5417



85.3290, 91.1138, 94.7521



18.3317, 19.4803, 19.7793



37.8472, 45.6237, 6.8115



3.3267, 4.0101, 0.5987

Inverse Universe

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



83.1012, 86.7400, 99.5562



89.9010, 93.7946, 107.9736



84.2936, 87.3547, 99.6120



17.3623, 18.0726, 21.1158



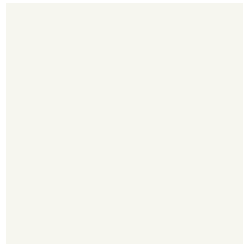
8.8804, 3.5523, 46.7556



0.7808, 0.3124, 4.1094

Previews

White Background



This preview shows how the XYZ color 86.5418, 91.7364, 94.8070 looks on a white background.

Color Contrast Check

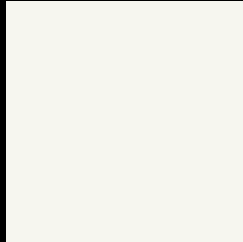
Large Text (above 18pt) WCAG AA × Fail

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 86.5418, 91.7364, 94.8070 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

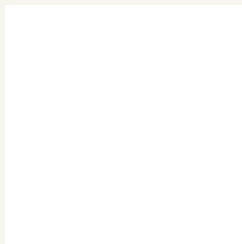
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5418, 91.7364, 94.8070

Background



This preview shows how black text looks on a background with the XYZ color 86.5418, 91.7364, 94.8070.



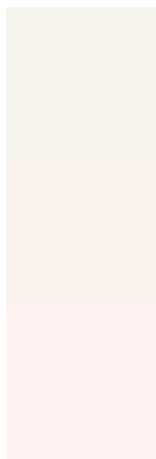
This preview shows how white text looks on a background with the XYZ color 86.5418, 91.7364,

94.870.

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

86.5418, 91.7364, 94.8070

Protanopia

87.5670, 91.3836, 93.9125

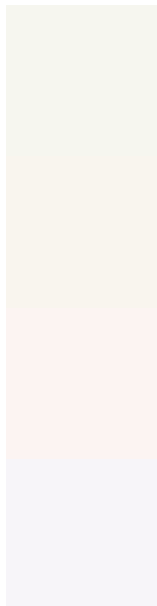
Deuteranopia

89.6197, 91.8928, 98.6016

Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

86.5418, 91.7364, 94.8070

Protanomaly

87.1519, 91.6176, 93.9795

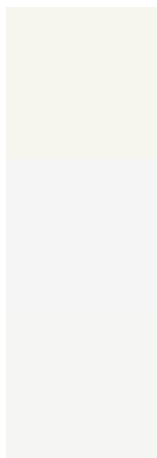
Deuteranomaly

88.5226, 91.8076, 97.0594

Tritanomaly

88.1091, 91.9185, 102.7207

Monochromacy



Original Color

86.5418, 91.7364, 94.8070

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.4863, 91.1884, 97.8368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5418, 91.7364, 94.8070 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(246, 246, 239) looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 239)  
}
```

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(246, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 239) }
```

Border

The CSS property to change the border of an element to XYZ 86.5418, 91.7364, 94.8070 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(246, 246, 239) }
```


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

```
.border{ border-color:rgb(246, 246, 239) }
```

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

Here you see how a box with a 4 pixel rgb(246, 246, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5418, 91.7364, 94.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 239) }
```

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

```
.background{ background-color: rgb(246,  
246, 239) }
```

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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