

Converting Colors

XYZ(84.4267, 90.1266, 97.7404)

Have a look what the booklet for
XYZ(84.4267, 90.1266, 97.7404)
contains.

XYZ(84.4267, 90.1266, 97.7404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.4267, 90.1266,
97.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF5F3
RGB	239, 245, 243
RGB Percent	94%, 96%, 95%
CMY	0.0627, 0.0392, 0.0471
CMYK	0.02, 0.00, 0.01, 0.04
HSL	160°, 23%, 95%
HSV	160°, 2%, 96%
XYZ	84.4267, 90.1266, 97.7404
YIQ	242.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

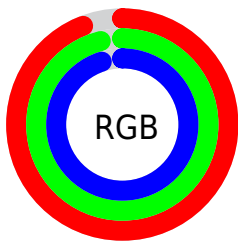
Format	Color
R _Y B	239, 243, 245
Decimal	15726067
CIE Lab	96.05, -2.33, 0.26
CIE LCh	96, 2.348, 173.700
Yxy	90.1266, 0.3101, 0.3310
Android (android.graphics.Color)	4293916147 (0xFFEFF5F3)
YUV	242.9780, 0.0108, -3.4887
Hunter-Lab	94.9350, -7.3944, 5.4125

Details

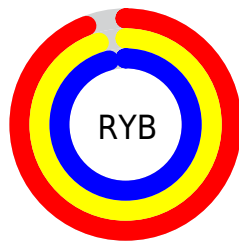
The XYZ color **84.4267, 90.1266, 97.7404** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4032, 87.4988, 95.6641**, and the grayscale version is **85.1777, 89.6136, 97.5892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6957, 50.0503, 54.2133** is the 20% darker color. If you saturate the color by 10%, you get **75.5021, 85.6679, 91.0200**, and if you desaturate by 10%, it is **91.3350, 93.5446, 104.6573**.

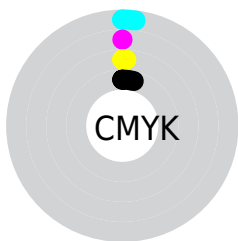
Distribution



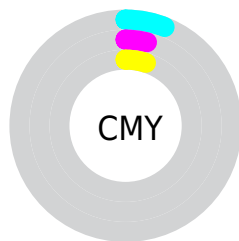
- Red (94%)
- Green (96%)
- Blue (95%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4267, 90.1266, 97.7404 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 84.4267, 90.1266, 97.7404 by changing the saturation by 10% instead.

84.4267, 90.1266,
97.7404

84.4267, 90.1266,
97.7404

498.2414,
528.4426, 574.1083

63.6887, 68.0856,
73.8085

138.4901,
147.5142, 160.0732

46.6593, 49.9674,
54.1415

172.5462,
183.6297, 199.3111

32.9732, 35.3875,
38.3208

211.7723,
225.2055, 244.4881

22.2651, 23.9615,
25.9280

256.5339,
272.6259, 296.0228

14.1695, 15.3051,
16.5445

307.1962,
326.2755, 354.3335

8.3211, 9.0338,
9.7518

364.1247,

4.3546, 4.7632,

386.5385, 419.8390

5.1312

427.6846,
453.7994, 492.9578

■ 1.9047, 2.1090,
2.2644

■ 0.5795, 0.6697,
0.7112

■ 84.4267, 90.1266,
97.7404

■ 84.4267, 90.1266,
97.7404

■ 75.5021, 85.6679,
91.0200

■ 91.3350, 93.5446,
104.6573

■ 67.7058, 81.7820,
84.6341

■ 91.9441, 93.7883,
107.8647

■ 60.9916, 78.4478,
78.5786

■ 55.3076, 75.6386,
72.8471

■ 50.5971, 73.3251,
67.4332

■ 46.7978, 71.4756,
62.3299

■ 43.8402, 70.0540,
57.5299

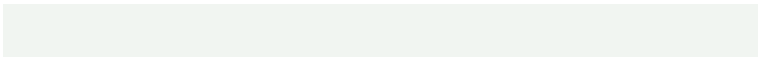
■ 41.6439, 69.0192,
53.0251

■ 40.1121, 68.3213,
48.8068

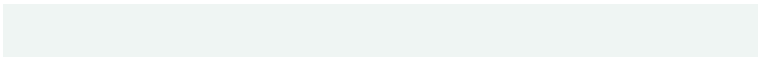
Harmonies

Analogous

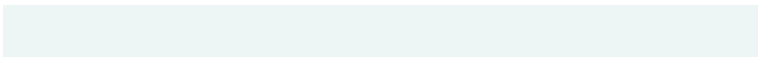
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6596, 90.1266, 96.0293



84.4267, 90.1266, 97.7404



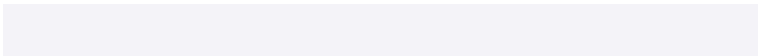
84.5236, 90.1266, 99.5779

Triad

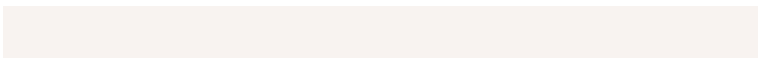
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4267, 90.1266, 97.7404



86.1658, 90.1266, 101.4457



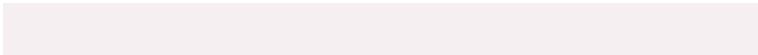
86.4045, 90.1266, 95.2768

Complementary

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



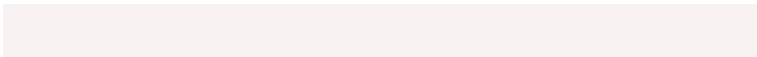
84.4267, 90.1266, 97.7404



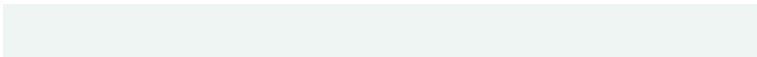
84.4032, 87.4988, 95.6641

Split Complementary

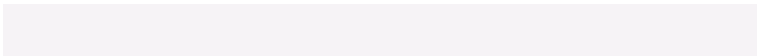
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8118, 90.1266, 96.7012



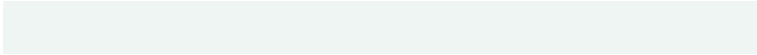
84.4267, 90.1266, 97.7404



86.6736, 90.1266, 100.2663

Square

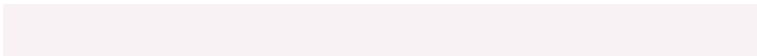
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



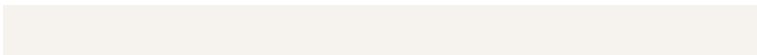
84.4267, 90.1266, 97.7404



85.5256, 90.1266, 101.7325



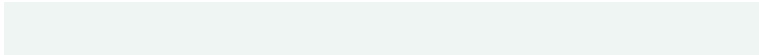
86.9106, 90.1266, 98.5257



85.7998, 90.1266, 94.6186

Rectangle

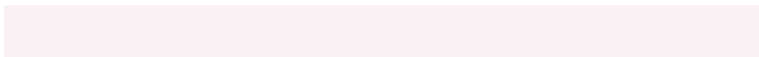
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



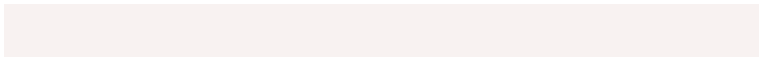
84.4267, 90.1266, 97.7404



84.7625, 90.1266, 100.6256



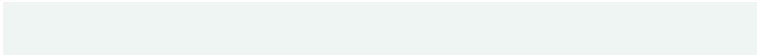
86.9106, 90.1266, 98.5257



86.5691, 90.1266, 95.6810

Sweetspot

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



84.4293, 90.1305, 97.7424



93.9813, 99.4649, 108.1363



84.5452, 90.2593, 94.6285



20.1271, 21.2952, 23.1537



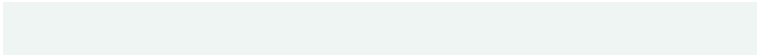
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.4293, 90.1305, 97.7424



91.8829, 98.4145, 106.6201



84.4618, 89.7086, 99.2546



17.8496, 19.2092, 20.7809



21.2296, 36.6367, 25.0268



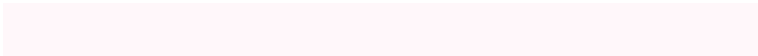
1.9135, 3.2390, 2.4502

Inverse Universe

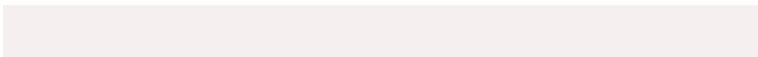
The Inverse Universe completely reimagines the original color for something new.



84.4032, 87.4988, 95.6641



91.8481, 94.8919, 103.8382



84.3698, 87.9083, 94.1840



17.8411, 18.3424, 20.0964



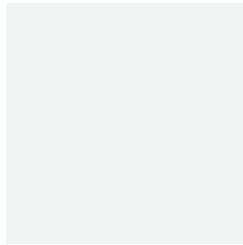
21.1593, 10.8072, 5.5475



1.9055, 0.9682, 0.7287

Previews

White Background



This preview shows how the XYZ color 84.4267, 90.1266, 97.7404 looks on a white background.

Color Contrast Check

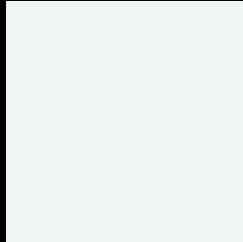
Large Text (above 18pt) WCAG AA × Fail

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 84.4267, 90.1266, 97.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

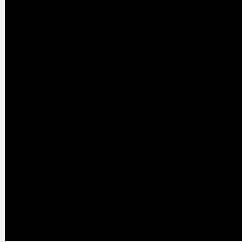
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

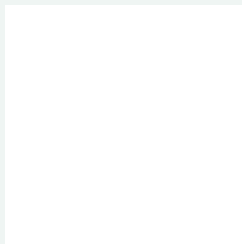
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4267, 90.1266, 97.7404

Background



This preview shows how black text looks on a background with the XYZ color 84.4267, 90.1266, 97.7404.



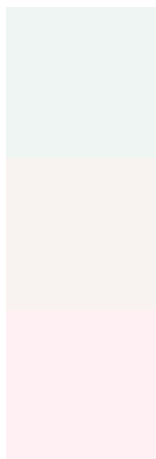
This preview shows how white text looks on a background with the XYZ color 84.4267, 90.1266,

97.7404.

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

84.4267, 90.1266, 97.7404

Protanopia

86.3407, 89.8116, 96.0038

Deuteranopia

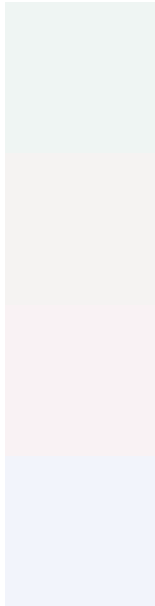
88.7292, 90.1118, 98.3047



Tritanopia

87.0627, 90.3759, 107.4633

Trichromacy



Original Color

84.4267, 90.1266, 97.7404

Protanomaly

85.7338, 89.9245, 96.8429

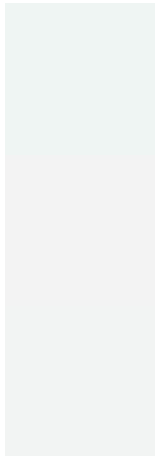
Deuteranomaly

87.1482, 90.1757, 98.4004

Tritanomaly

86.3812, 90.5436, 104.1907

Monochromacy



Original Color

84.4267, 90.1266, 97.7404

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1463, 90.0497, 97.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4267, 90.1266, 97.7404 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(239, 245, 243) looks like.

```
.text, #text, p{  
    color:rgb(239, 245, 243)  
}
```

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(239, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 245, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.4267, 90.1266, 97.7404 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(239, 245, 243) }
```


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

```
.border{ border-color:rgb(239, 245, 243) }
```

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

Here you see how a box with a 4 pixel rgb(239, 245, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 245,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4267, 90.1266, 97.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 245, 243) }
```

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

```
.background{ background-color: rgb(239,  
245, 243) }
```

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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