

Converting Colors

XYZ(87.5184, 93.8335, 98.4068)

Have a look what the booklet for
XYZ(87.5184, 93.8335, 98.4068)
contains.

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Color

**XYZ(87.6715, 94.0754,
98.3316)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FAF3
RGB	244, 250, 243
RGB Percent	96%, 98%, 95%
CMY	0.0431, 0.0196, 0.0471
CMYK	0.02, 0.00, 0.03, 0.02
HSL	111°, 41%, 97%
HSV	111°, 3%, 98%
XYZ	87.6715, 94.0754, 98.3316
YIQ	247.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

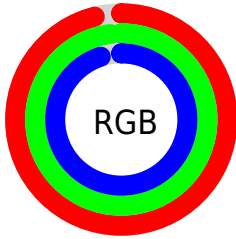
Format	Color
R _Y B	243, 250, 249
Decimal	16055027
CIE Lab	97.66, -3.21, 2.65
CIE LCh	98, 4.160, 140.423
Yxy	94.0754, 0.3130, 0.3359
Android (android.graphics.Color)	4294245107 (0xFFFF4FAF3)
YUV	247.4080, -2.1731, -2.9888
Hunter-Lab	96.9925, -8.3907, 7.7861

Details

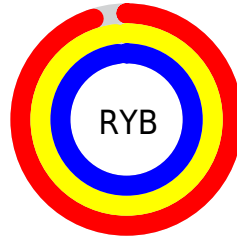
The XYZ color 87.6715, 94.0754, 98.3316 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3765, 91.1456, 103.3823, and the grayscale version is 88.7604, 93.3828, 101.6939.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0005, 52.8628, 54.6346 is the 20% darker color. If you saturate the color by 10%, you get 77.1414, 89.0566, 79.4543, and if you desaturate by 10%, it is 93.4774, 96.8549, 108.3758.

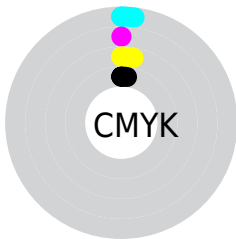
Distribution



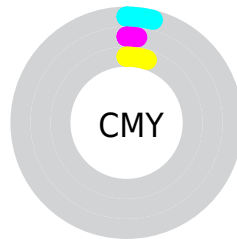
- Red (96%)
- Green (98%)
- Blue (95%)



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



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



- Cyan (4%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.6715, 94.0754, 98.3316 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 87.6715, 94.0754, 98.3316 by changing the saturation by 10% instead.

87.6715, 94.0754,
98.3316

87.6715, 94.0754,
98.3316

508.7784,
541.2007, 576.0312

66.3809, 71.3657,
74.2988

142.9946,
152.9866, 160.8944

48.8505, 52.6407,
54.5404

177.7578,
189.9569, 200.2614

34.7150, 37.5160,
38.6377

217.7427,
232.4495, 245.5770

23.6089, 25.6073,
26.1724

263.3145,
280.8487, 297.2596

15.1669, 16.5301,
16.7257

314.8386,
335.5391, 355.7277

9.0237, 9.9000,
9.8792

372.6804,

4.8139, 5.3327,

396.9050, 421.4000

5.2144

437.2052,
465.3307, 494.6950

■ 2.1721, 2.4438,
2.3127

■ 0.7280, 0.8483,
0.7383

■ 87.6715, 94.0754,
98.3316

■ 87.6715, 94.0754,
98.3316

■ 77.1414, 89.0566,
79.4543

■ 93.4774, 96.8549,
108.3758

■ 67.9375, 84.6618,
63.2131

■ 60.0092, 80.8700,
49.4924

■ 53.2998, 77.6549,
38.1661

■ 47.7480, 74.9879,
29.0967

■ 43.2874, 72.8378,
22.1331

■ 39.8446, 71.1707,
17.1058

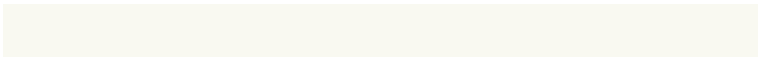
■ 37.3368, 69.9481,
13.8187

■ 35.6676, 69.1253,
12.0348

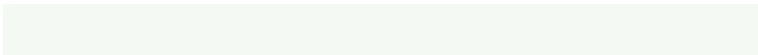
Harmonies

Analogous

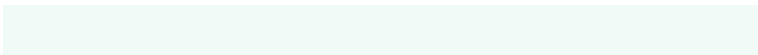
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6233, 94.0754, 96.4391



87.6715, 94.0754, 98.3316



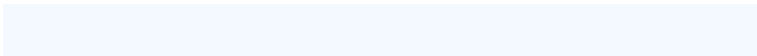
87.1884, 94.0754, 101.3506

Triad

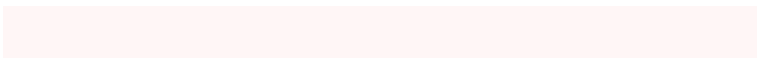
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6715, 94.0754, 98.3316



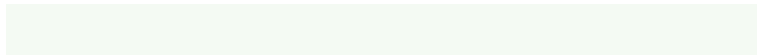
89.0374, 94.0754, 109.0008



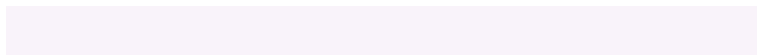
91.5677, 94.0754, 100.1724

Complementary

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



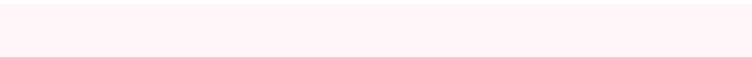
87.6715, 94.0754, 98.3316



88.3765, 91.1456, 103.3823

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.



91.6809, 94.0754, 103.5213



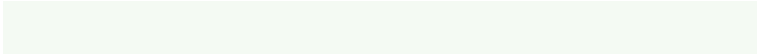
87.6715, 94.0754, 98.3316



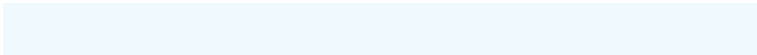
90.2131, 94.0754, 108.6684

Square

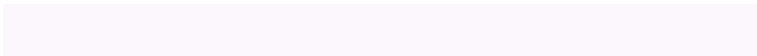
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



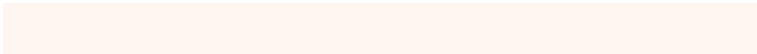
87.6715, 94.0754, 98.3316



87.9724, 94.0754, 107.5434



91.1832, 94.0754, 106.6451



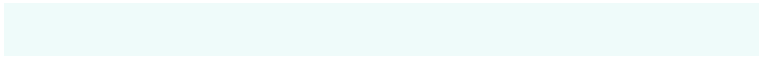
90.8750, 94.0754, 97.4854

Rectangle

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



87.6715, 94.0754, 98.3316



87.1941, 94.0754, 103.6170



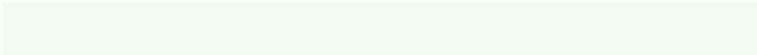
91.1832, 94.0754, 106.6451



91.6750, 94.0754, 101.2563

Sweetspot

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



87.6741, 94.0794, 98.3337



93.8424, 99.4246, 106.7146



89.4663, 94.5200, 98.3242



20.0989, 21.2870, 22.8644



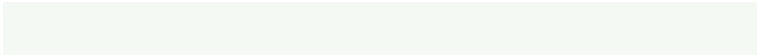
0.0000, 0.0000, 0.0000



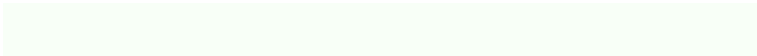
20.3446, 21.4041, 23.3091

Same Dimension

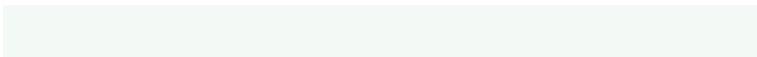
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6741, 94.0794, 98.3337



91.4709, 98.2944, 102.4308



87.7009, 94.0502, 100.2806



18.5529, 20.0503, 20.6463



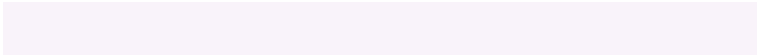
18.5834, 36.4984, 6.0654



1.7888, 3.4153, 0.5649

Inverse Universe

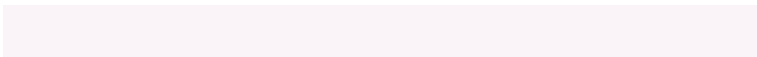
The Inverse Universe completely reimagines the original color for something new.



88.3765, 91.1456, 103.3823



92.2573, 95.0093, 108.0839



88.3518, 91.1770, 101.3873



18.7556, 19.2035, 22.1034



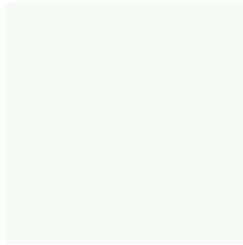
24.0053, 11.3179, 48.8929



2.2879, 1.0815, 4.5313

Previews

White Background



This preview shows how the XYZ color 87.6715, 94.0754, 98.3316 looks on a white background.

Color Contrast Check

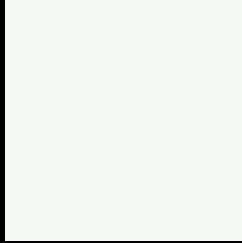
Large Text (above 18pt) WCAG AA × Fail

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 87.6715, 94.0754, 98.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

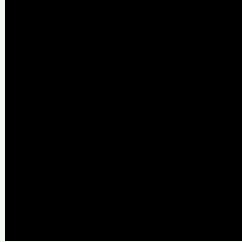
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

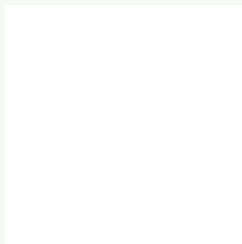
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6715, 94.0754, 98.3316

Background



This preview shows how black text looks on a background with the XYZ color 87.6715, 94.0754, 98.3316.



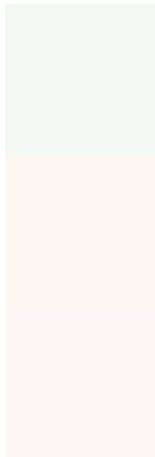
This preview shows how white text looks on a background with the XYZ color 87.6715, 94.0754,

98.316.

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

87.6715, 94.0754, 98.3316

Protanopia

90.0110, 93.9432, 96.6079

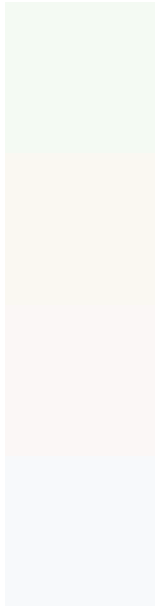
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

87.6715, 94.0754, 98.3316

Protanomaly

89.0188, 93.8696, 97.4313

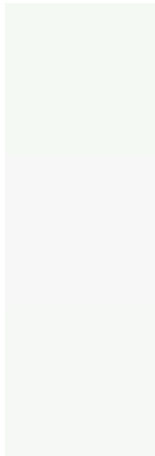
Deuteranomaly

89.6790, 93.6846, 100.5451

Tritanomaly

89.6460, 94.4906, 104.7804

Monochromacy



Original Color

87.6715, 94.0754, 98.3316

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2080, 93.3815, 100.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6715, 94.0754, 98.3316 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(244, 250, 243) looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 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(244, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.6715, 94.0754, 98.3316 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(244, 250, 243) }
```


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

```
.border{ border-color:rgb(244, 250, 243) }
```

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

Here you see how a box with a 4 pixel rgb(244, 250, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6715, 94.0754, 98.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 243) }
```

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

```
.background{ background-color: rgb(244,  
250, 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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