

Converting Colors

XYZ(89.5264, 97.3687, 98.8710)

Have a look what the booklet for
XYZ(89.5264, 97.3687, 98.8710)
contains.

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Color

**XYZ(89.5939, 97.4035,
98.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF3
RGB	245, 255, 243
RGB Percent	96%, 100%, 95%
CMY	0.0392, 0.0000, 0.0471
CMYK	0.04, 0.00, 0.05, 0.00
HSL	110°, 100%, 98%
HSV	110°, 5%, 100%
XYZ	89.5939, 97.4035, 98.8727
YIQ	250.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

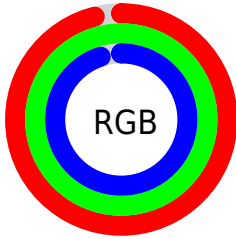
Format	Color
R_{YB}	243, 255, 253
Decimal	16121843
CIE _{Lab}	98.99, -5.39, 4.58
CIE _{LCh}	99, 7.070, 139.616
Yxy	97.4035, 0.3134, 0.3407
Android (android.graphics.Color)	4294311923 (0xFFFF5FFF3)
YUV	250.6420, -3.7675, -4.9480
Hunter-Lab	98.6932, -10.6705, 9.6874

Details

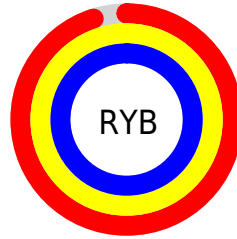
The XYZ color 89.5939, 97.4035, 98.8727 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.6092, 92.2050, 107.6295, and the grayscale version is 91.4286, 96.1900, 104.7509.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1500, 54.7948, 54.9470 is the 20% darker color. If you saturate the color by 10%, you get 79.0135, 92.3637, 79.6519, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

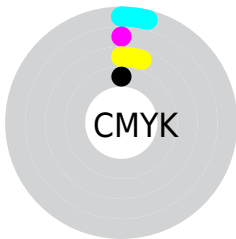
Distribution



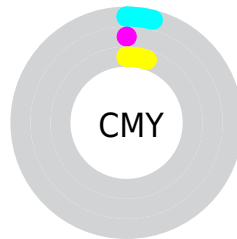
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.5939, 97.4035, 98.8727 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 89.5939, 97.4035, 98.8727 by changing the saturation by 10% instead.


 89.5939, 97.4035,
98.8727

 89.5939, 97.4035,
98.8727


514.9665,
551.8312, 577.7881

 67.9790, 74.1370,
74.7478


145.6554,
157.5810, 161.6455

 50.1543, 54.9062,
54.9058


180.8327,
195.2608, 201.1305

 35.7543, 39.3266,
38.9282

221.2616,
238.5138, 246.5725

 24.4137, 27.0139,
26.3965

267.3074,
287.7245, 298.3902

 15.7672, 17.5837,
16.8921

319.3354,
343.2772, 357.0021

 9.4494, 10.6515,
9.9964

377.7110,

 5.0949, 5.8330,

405.5562, 422.8267

5.2910

442.7996,
474.9461, 496.2825

■ 2.3384, 2.7438,
2.3573

■ 0.8142, 0.9995,
0.7631

■ 89.5939, 97.4035,
98.8727

■ 89.5939, 97.4035,
98.8727

■ 79.0135, 92.3637,
79.6519

95.0500, 100.0000,
108.9000

■ 69.7681, 87.9527,
63.1697

■ 61.8046, 84.1461,
49.3026

■ 55.0659, 80.9171,
37.9163

■ 49.4900, 78.2372,
28.8644

■ 45.0097, 76.0752,
21.9850

■ 41.5506, 74.3966,
17.0957

■ 39.0284, 73.1626,
13.9844

■ 37.3442, 72.3279,
12.3904

Harmonies

Analogous

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



91.2554, 97.4035, 95.7226



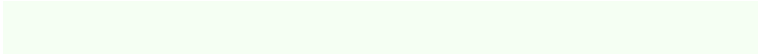
89.5939, 97.4035, 98.8727



88.7365, 97.4035, 104.0237

Triad

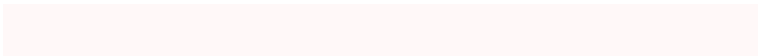
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5939, 97.4035, 98.8727



91.8668, 97.4035, 117.6128



96.3615, 97.4035, 102.2921

Complementary

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



89.5939, 97.4035, 98.8727



90.6092, 92.2050, 107.6295

Split Complementary

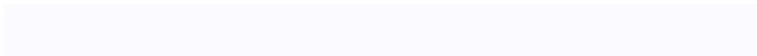
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5311, 97.4035, 108.1143



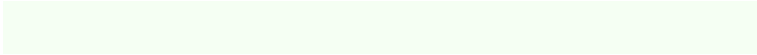
89.5939, 97.4035, 98.8727



93.9155, 97.4035, 117.1072

Square

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



89.5939, 97.4035, 98.8727



90.0358, 97.4035, 114.9357



95.6299, 97.4035, 113.5787



95.1699, 97.4035, 97.6455

Rectangle

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



89.5939, 97.4035, 98.8727



88.7275, 97.4035, 107.9625



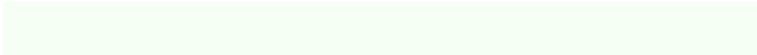
95.6299, 97.4035, 113.5787



96.5406, 97.4035, 104.1718

Sweetspot

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



89.5948, 97.4040, 98.8742



93.8646, 99.4360, 106.7157



92.4802, 97.8557, 98.8093



20.1034, 21.2894, 22.8646



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.



89.5948, 97.4040, 98.8742



88.1476, 96.7150, 96.2266



89.4806, 97.2782, 101.8954



18.7128, 20.6275, 20.3145



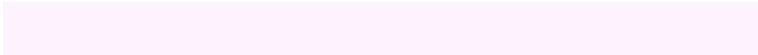
19.2773, 37.6759, 6.2562



1.9524, 3.7073, 0.6127

Inverse Universe

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



90.6092, 92.2050, 107.6295



89.4298, 90.1432, 107.2937



90.7354, 92.3400, 104.4738



19.0158, 19.0746, 22.9295



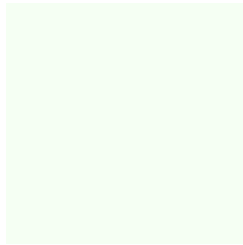
23.8033, 11.1815, 50.3383



2.3930, 1.1276, 4.9048

Previews

White Background



This preview shows how the XYZ color 89.5939, 97.4035, 98.8727 looks on a white background.

Color Contrast Check

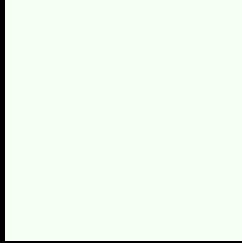
Large Text (above 18pt) WCAG AA × Fail

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 89.5939, 97.4035, 98.8727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

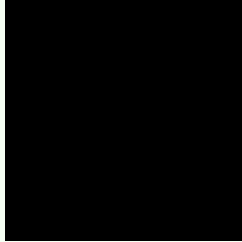
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.5939, 97.4035, 98.8727

Background



This preview shows how black text looks on a background with the XYZ color 89.5939, 97.4035, 98.8727.



This preview shows how white text looks on a background with the XYZ color 89.5939, 97.4035,

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

89.5939, 97.4035, 98.8727

Protanopia

92.5257, 96.9698, 101.8361

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

89.5939, 97.4035, 98.8727

Protanomaly

91.2286, 96.7839, 101.0617

Deuteranomaly

91.5373, 96.9073, 102.6874

Tritanomaly

91.6048, 97.3553, 105.2302

Monochromacy



Original Color

89.5939, 97.4035, 98.8727



Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

90.8206, 96.5379, 102.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5939, 97.4035, 98.8727 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(245, 255, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 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(245, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 89.5939, 97.4035, 98.8727 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(245, 255, 243) }
```


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

```
.border{ border-color:rgb(245, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5939, 97.4035, 98.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 243) }
```

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

```
.background{ background-color: rgb(245,  
255, 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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