

Converting Colors

XYZ(89.2584, 97.4576, 88.6025)

Have a look what the booklet for
XYZ(89.2584, 97.4576, 88.6025)
contains.

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Color

**XYZ(89.4673, 97.5572,
88.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFE6
RGB	250, 255, 230
RGB Percent	98%, 100%, 90%
CMY	0.0196, 0.0000, 0.0980
CMYK	0.02, 0.00, 0.10, 0.00
HSL	72°, 100%, 95%
HSV	72°, 10%, 100%
XYZ	89.4673, 97.5572, 88.9779
YIQ	250.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

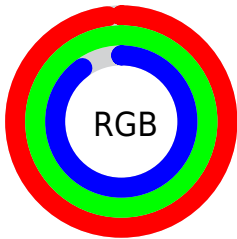
Format	Color
R _Y B	230, 255, 235
Decimal	16449510
CIE Lab	99.05, -5.88, 11.37
CIE LCh	99, 12.803, 117.326
Yxy	97.5572, 0.3242, 0.3535
Android (android.graphics.Color)	4294639590 (0xFFFAFFE6)
YUV	250.6550, -10.1829, -0.5744
Hunter-Lab	98.7710, -11.1632, 15.7283

Details

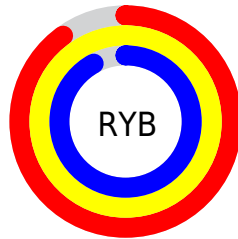
The XYZ color 89.4673, 97.5572, 88.9779 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.6085, 81.4770, 106.0858, and the grayscale version is 91.4865, 96.2509, 104.8172.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8264, 54.7816, 47.9922 is the 20% darker color. If you saturate the color by 10%, you get 84.3415, 95.2986, 71.3921, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

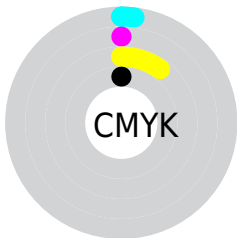
Distribution



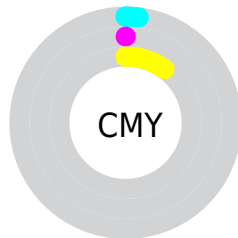
- Red (98%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4673, 97.5572, 88.9779 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 89.4673, 97.5572, 88.9779 by changing the saturation by 10% instead.

 89.4673, 97.5572,
88.9779

 89.4673, 97.5572,
88.9779


514.5602,
552.3196, 545.1844

 67.8737, 74.2652,
66.5643


145.4803,
157.7928, 147.8409

 50.0683, 55.0111,
48.2713


180.6305,
195.5051, 185.1274

 35.6857, 39.4106,
33.6802


221.0303,
238.7930, 228.2087

 24.3605, 27.0793,
22.3727

267.0450,
288.0409, 277.5031

 15.7275, 17.6328,
13.9301

319.0400,
343.6330, 333.4294

 9.4211, 10.6867,
7.9338

377.3806,

 5.0762, 5.8566,

405.9540, 396.4060

3.9655

442.4322,
475.3880, 466.8515

■ 2.3272, 2.7581,
1.6064

■ 0.8085, 1.0068,
0.2954

■ 89.4673, 97.5572,
88.9779

■ 89.4673, 97.5572,
88.9779

■ 84.3415, 95.2986,
71.3921

95.0500, 100.0000,
108.9000

■ 79.7652, 93.2656,
56.4468

■ 75.7146, 91.4483,
44.0155

■ 72.1628, 89.8362,
33.9595

■ 69.0807, 88.4175,
26.1266

■ 66.4355, 87.1791,
20.3473

■ 64.1900, 86.1059,
16.4272

■ 62.3000, 85.1803,
14.1353

■ 60.6945, 84.3739,
13.1013

Harmonies

Analogous

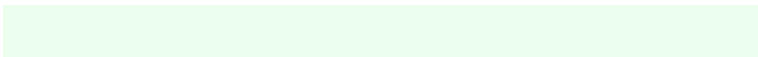
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0607, 97.5572, 86.9735



89.4673, 97.5572, 88.9779



86.8103, 97.5572, 95.5016

Triad

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



89.4673, 97.5572, 88.9779



88.9018, 97.5572, 124.4943



100.0858, 97.5572, 107.1858

Complementary

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



89.4673, 97.5572, 88.9779



80.6085, 81.4770, 106.0858

Split Complementary

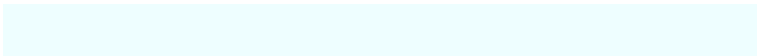
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9029, 97.5572, 117.7187



89.4673, 97.5572, 88.9779



92.3905, 97.5572, 128.1222

Square

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



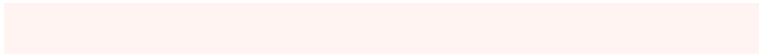
89.4673, 97.5572, 88.9779



86.4900, 97.5572, 115.9475



96.0612, 97.5572, 125.5641



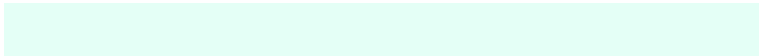
99.2531, 97.5572, 97.0584

Rectangle

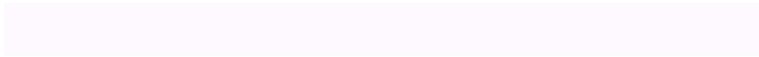
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.4673, 97.5572, 88.9779



85.8934, 97.5572, 101.7739



96.0612, 97.5572, 125.5641



99.9100, 97.5572, 110.8003

Sweetspot

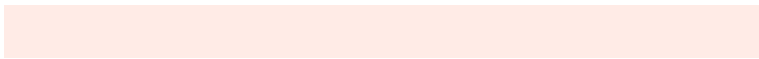
The Sweet Spot groups the original color and five complimentary colors.



89.4680, 97.5575, 88.9794



93.2820, 99.2281, 102.5156



85.1128, 86.1525, 87.0075



19.8670, 21.1955, 21.5866



0.0000, 0.0000, 0.0000



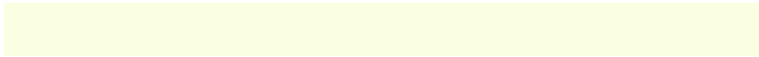
20.3446, 21.4041, 23.3091

Same Dimension

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



89.4680, 97.5575, 88.9794



88.2934, 97.0414, 84.8831



85.2756, 95.3962, 88.7831



19.1845, 20.8965, 19.1666



31.8235, 44.1437, 6.8433



3.1847, 4.3425, 0.6703

Inverse Universe

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



80.6085, 81.4770, 106.0858



77.6132, 77.6556, 105.5061



84.7347, 83.6041, 106.2790



17.3421, 17.5526, 22.7239



10.2398, 4.1893, 49.7035



1.0806, 0.4510, 4.8434

Previews

White Background



This preview shows how the XYZ color 89.4673, 97.5572, 88.9779 looks on a white background.

Color Contrast Check

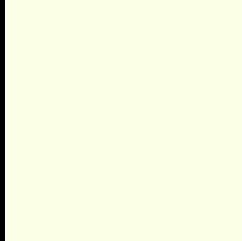
Large Text (above 18pt) WCAG AA × Fail

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 89.4673, 97.5572, 88.9779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

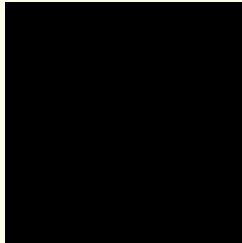
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.4673, 97.5572, 88.9779

Background



This preview shows how black text looks on a background with the XYZ color 89.4673, 97.5572, 88.9779.

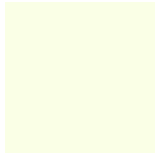


This preview shows how white text looks on a background with the XYZ color 89.4673, 97.5572,

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

89.4673, 97.5572, 88.9779



Protanopia

92.6850, 97.5346, 101.1298

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy

**Original Color**

89.4673, 97.5572, 88.9779

Protanomaly

91.3615, 97.4245, 96.4276

Deuteranomaly

91.4961, 96.9745, 98.6896

Tritanomaly

91.9047, 97.5998, 101.1835

Monochromacy

**Original Color**

89.4673, 97.5572, 88.9779

**Achromatopsia**

91.6934, 96.4686, 105.0543

**Achromatomaly**

90.7717, 96.6011, 98.6557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4673, 97.5572, 88.9779 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, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 230)  
}
```

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, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 89.4673, 97.5572, 88.9779 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, 255, 230) }
```


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

```
.border{ border-color:rgb(250, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4673, 97.5572, 88.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 230) }
```

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

```
.background{ background-color: rgb(250,  
255, 230) }
```

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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