

Converting Colors

XYZ(89.4333, 97.4090, 94.8783)

Have a look what the booklet for
XYZ(89.4333, 97.4090, 94.8783)
contains.

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Color

**XYZ(89.5504, 97.4672,
94.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FFEE
RGB	247, 255, 238
RGB Percent	97%, 100%, 93%
CMY	0.0314, 0.0000, 0.0667
CMYK	0.03, 0.00, 0.07, 0.00
HSL	88°, 100%, 97%
HSV	88°, 7%, 100%
XYZ	89.5504, 97.4672, 94.9822
YIQ	250.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

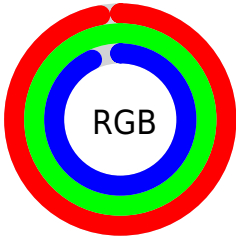
Format	Color
R _Y B	238, 255, 246
Decimal	16252910
CIE Lab	99.01, -5.57, 7.20
CIE LCh	99, 9.104, 127.746
Yxy	97.4672, 0.3176, 0.3456
Android (android.graphics.Color)	4294442990 (0xFFFF7FEE)
YUV	250.6700, -6.2463, -3.2186
Hunter-Lab	98.7255, -10.8585, 12.0659

Details

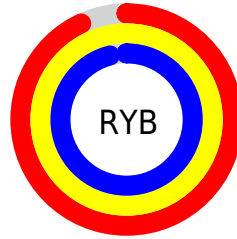
The XYZ color 89.5504, 97.4672, 94.9822 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6313, 87.9631, 107.0204, and the grayscale version is 91.4699, 96.2335, 104.7983.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1234, 54.8419, 52.1997 is the 20% darker color. If you saturate the color by 10%, you get 81.9688, 93.9614, 76.4360, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

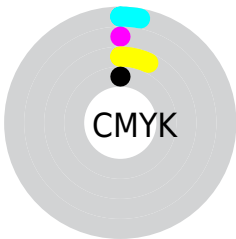
Distribution



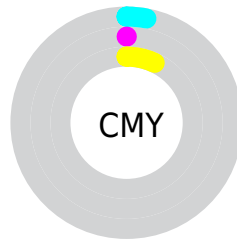
- Red (97%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.5504, 97.4672, 94.9822 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 89.5504, 97.4672, 94.9822 by changing the saturation by 10% instead.

89.5504, 97.4672,
94.9822

89.5504, 97.4672,
94.9822

514.8270,
552.0337, 565.0909

67.9429, 74.1901,
71.5234

145.5952,
157.6688, 156.2354

50.1248, 54.9497,
52.2849

180.7633,
195.3621, 194.8668

35.7307, 39.3614,
36.8484

221.1821,
238.6295, 239.3928

24.3955, 27.0410,
24.7953

267.2172,
287.8556, 290.2320

15.7535, 17.6040,
15.7070

319.2339,
343.4247, 347.8028

9.4397, 10.6661,
9.1649

377.5975,

5.0884, 5.8428,

405.7211, 412.5239

4.7506

442.6734,
475.1293, 484.8137

■ 2.3345, 2.7497,
2.0455

■ 0.8123, 1.0025,
0.5831

■ 89.5504, 97.4672,
94.9822

■ 89.5504, 97.4672,
94.9822

■ 81.9688, 93.9614,
76.4360

95.0500, 100.0000,
108.9000

■ 75.1622, 90.7964,
60.5788

■ 69.1025, 87.9604,
47.2867

■ 63.7585, 85.4404,
36.4245

■ 59.0967, 83.2222,
27.8443

■ 55.0804, 81.2906,
21.3823

■ 51.6682, 79.6283,
16.8529

■ 48.8127, 78.2156,
14.0379

■ 46.4555, 77.0283,
12.6636

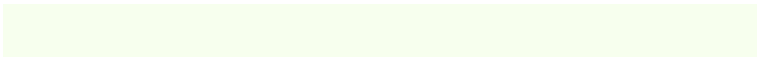
Harmonies

Analogous

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



91.9535, 97.4672, 92.2912



89.5504, 97.4672, 94.9822



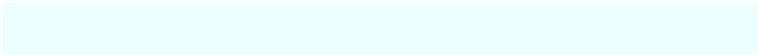
87.9960, 97.4672, 100.6856

Triad

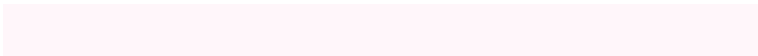
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5504, 97.4672, 94.9822



90.7203, 97.4672, 120.2357



97.7892, 97.4672, 104.1673

Complementary

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



89.5504, 97.4672, 94.9822



86.6313, 87.9631, 107.0204

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.



97.4438, 97.4672, 111.7573



89.5504, 97.4672, 94.9822



93.3293, 97.4672, 121.2769

Square

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



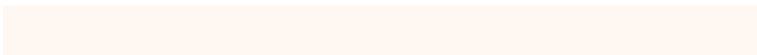
89.5504, 97.4672, 94.9822



88.6624, 97.4672, 115.3266



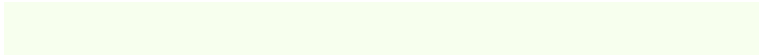
95.7991, 97.4672, 118.1073



96.7341, 97.4672, 97.4267

Rectangle

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



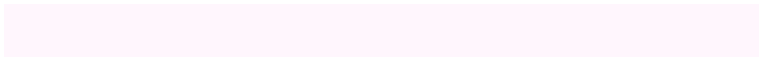
89.5504, 97.4672, 94.9822



87.6330, 97.4672, 105.5515



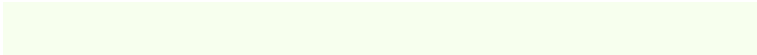
95.7991, 97.4672, 118.1073



97.8334, 97.4672, 106.7010

Sweetspot

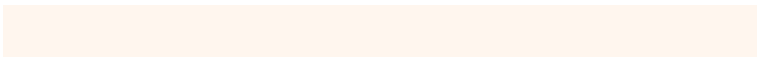
The Sweet Spot groups the original color and five complimentary colors.



89.5512, 97.4676, 94.9837



93.3622, 99.2235, 104.5916



89.6087, 93.3048, 94.1771



20.0011, 21.2461, 22.4320



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.



89.5512, 97.4676, 94.9837



88.4938, 96.9797, 92.3494



86.6440, 95.9689, 94.8476



18.6897, 20.6415, 19.1435



24.0809, 40.1522, 6.4810



2.4709, 3.9745, 0.6369

Inverse Universe

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



86.6313, 87.9631, 107.0204



85.0214, 85.6766, 106.6639



89.6569, 89.5229, 107.1620



17.8158, 17.7968, 22.7461



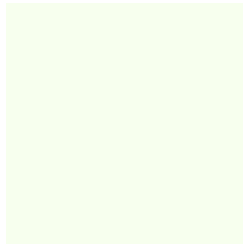
13.6474, 5.9460, 49.8630



1.4537, 0.6433, 4.8608

Previews

White Background



This preview shows how the XYZ color 89.5504, 97.4672, 94.9822 looks on a white background.

Color Contrast Check

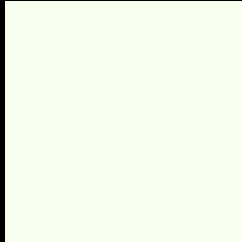
Large Text (above 18pt) WCAG AA × Fail

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 89.5504, 97.4672, 94.9822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

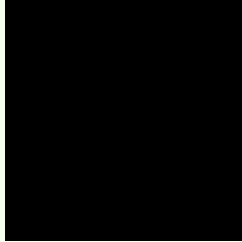
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

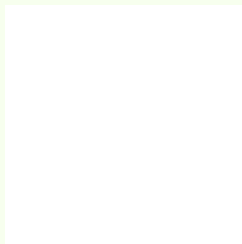
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.5504, 97.4672, 94.9822

Background



This preview shows how black text looks on a background with the XYZ color 89.5504, 97.4672, 94.9822.

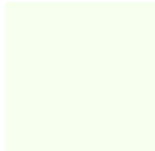


This preview shows how white text looks on a background with the XYZ color 89.5504, 97.4672,

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

89.5504, 97.4672, 94.9822



Protanopia

92.6850, 97.5346, 101.1298

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

89.5504, 97.4672, 94.9822

Protanomaly

91.4478, 97.4171, 98.7776

Deuteranomaly

91.5898, 96.9701, 101.0786

Tritanomaly

91.6485, 97.4141, 103.5949

Monochromacy



Original Color

89.5504, 97.4672, 94.9822

Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

90.8693, 96.5986, 101.0449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5504, 97.4672, 94.9822 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(247, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 238)  
}
```

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(247, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 89.5504, 97.4672, 94.9822 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(247, 255, 238) }
```


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

```
.border{ border-color:rgb(247, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5504, 97.4672, 94.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 238) }
```

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

```
.background{ background-color: rgb(247,  
255, 238) }
```

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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