

Converting Colors

XYZ(89.8161, 97.6073, 94.8556)

Have a look what the booklet for
XYZ(89.8161, 97.6073, 94.8556)
contains.

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Color

**XYZ(89.9040, 97.6495,
94.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFEE
RGB	248, 255, 238
RGB Percent	97%, 100%, 93%
CMY	0.0274, 0.0000, 0.0667
CMYK	0.03, 0.00, 0.07, 0.00
HSL	85°, 100%, 97%
HSV	85°, 7%, 100%
XYZ	89.9040, 97.6495, 94.9987
YIQ	250.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

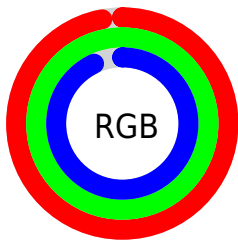
Format	Color
R _Y B	238, 255, 245
Decimal	16318446
CIE Lab	99.08, -5.24, 7.31
CIE LCh	99, 8.993, 125.617
Yxy	97.6495, 0.3182, 0.3456
Android (android.graphics.Color)	4294508526 (0xFFFF8FEE)
YUV	250.9690, -6.3937, -2.6038
Hunter-Lab	98.8178, -10.5325, 12.1738

Details

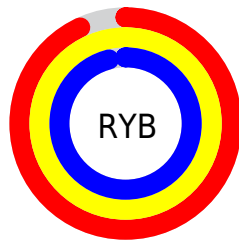
The XYZ color 89.9040, 97.6495, 94.9987 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.2814, 87.7827, 107.0040, and the grayscale version is 91.7188, 96.4954, 105.0835.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3758, 54.9720, 52.2115 is the 20% darker color. If you saturate the color by 10%, you get 82.8001, 94.3899, 76.4748, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

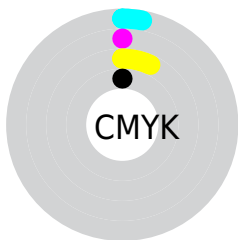
Distribution



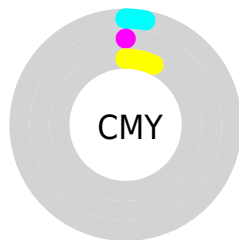
- Red (97%)
- Green (100%)
- Blue (93%)



- 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 89.9040, 97.6495, 94.9987 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 89.9040, 97.6495, 94.9987 by changing the saturation by 10% instead.


 89.9040, 97.6495,
94.9987

 89.9040, 97.6495,
94.9987


515.9611,
552.6127, 565.1451

 68.2370, 74.3421,
71.5370


146.0841,
157.9200, 156.2584

 50.3650, 55.0741,
52.2960


181.3279,
195.6518, 194.8934

 35.9225, 39.4610,
36.8572


221.8280,
238.9606, 239.4234

 24.5442, 27.1186,
24.8020

267.9498,
288.2308, 290.2667

 15.8647, 17.6623,
15.7120

320.0587,
343.8467, 347.8420

 9.5187, 10.7078,
9.1684

378.5200,

 5.1408, 5.8707,

406.1927, 412.5678

4.7529

443.6990,
475.6533, 484.8626

■ 2.3657, 2.7666,
2.0468

■ 0.8280, 1.0111,
0.5838

■ 89.9040, 97.6495,
94.9987

■ 89.9040, 97.6495,
94.9987

■ 82.8001, 94.3899,
76.4748

95.0500, 100.0000,
108.9000

■ 76.4094, 91.4393,
60.6371

■ 70.7054, 88.7868,
47.3617

■ 65.6590, 86.4201,
36.5134

■ 61.2385, 84.3263,
27.9445

■ 57.4090, 82.4910,
21.4913

■ 54.1314, 80.8981,
16.9681

■ 51.3603, 79.5289,
14.1572

■ 49.0398, 78.3606,
12.7846

Harmonies

Analogous

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



92.3197, 97.6495, 92.5750



89.9040, 97.6495, 94.9987



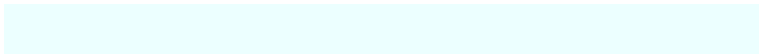
88.2906, 97.6495, 100.4663

Triad

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



89.9040, 97.6495, 94.9987



90.7445, 97.6495, 120.0427



97.9280, 97.6495, 104.9148

Complementary

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



89.9040, 97.6495, 94.9987



86.2814, 87.7827, 107.0040

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.



97.4871, 97.6495, 112.4045



89.9040, 97.6495, 94.9987



93.3079, 97.6495, 121.3704

Square

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



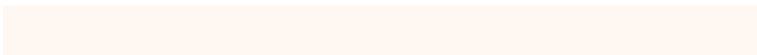
89.9040, 97.6495, 94.9987



88.7694, 97.6495, 114.9674



95.7839, 97.6495, 118.5148



96.9774, 97.6495, 98.1245

Rectangle

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



89.9040, 97.6495, 94.9987



87.8700, 97.6495, 105.2227



95.7839, 97.6495, 118.5148



97.9378, 97.6495, 107.4323

Sweetspot

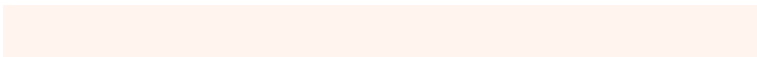
The Sweet Spot groups the original color and five complimentary colors.



89.9048, 97.6499, 95.0002



93.4713, 99.2798, 104.5967



89.2652, 92.6177, 94.0626



20.0233, 21.2575, 22.4331



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.



89.9048, 97.6499, 95.0002



88.9148, 97.1967, 92.3691



87.0269, 96.1663, 94.8655



18.7958, 20.6962, 19.1484



25.4321, 40.8488, 6.5442



2.6004, 4.0413, 0.6430

Inverse Universe

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



86.2814, 87.7827, 107.0040



84.6058, 85.4624, 106.6444



89.2425, 89.3092, 107.1426



17.7114, 17.7429, 22.7412



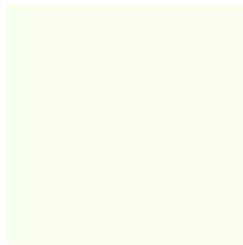
12.6347, 5.4239, 49.8156



1.3507, 0.5902, 4.8560

Previews

White Background



This preview shows how the XYZ color 89.9040, 97.6495, 94.9987 looks on a white background.

Color Contrast Check

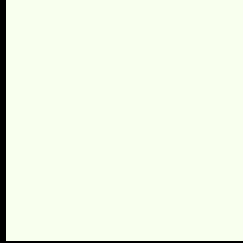
Large Text (above 18pt) WCAG AA × Fail

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 89.9040, 97.6495, 94.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

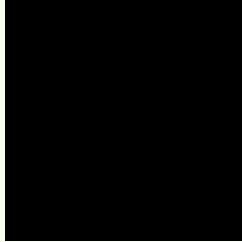
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

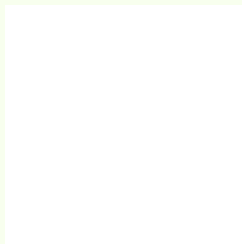
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.9040, 97.6495, 94.9987

Background



This preview shows how black text looks on a background with the XYZ color 89.9040, 97.6495, 94.9987.

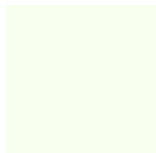


This preview shows how white text looks on a background with the XYZ color 89.9040, 97.6495,

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

89.9040, 97.6495, 94.9987



Protanopia

92.8389, 97.5962, 101.9405

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

89.9040, 97.6495, 94.9987

Protanomaly

91.5993, 97.4777, 99.5752

Deuteranomaly

91.9047, 97.5998, 101.1835

Tritanomaly

92.0078, 97.5993, 103.6118

Monochromacy



Original Color

89.9040, 97.6495, 94.9987

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 89.9040, 97.6495, 94.9987 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(248, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 89.9040, 97.6495, 94.9987 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(248, 255, 238) }
```


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

```
.border{ border-color:rgb(248, 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(248, 255, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9040, 97.6495, 94.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 238) }
```

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

```
.background{ background-color: rgb(248,  
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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