

Converting Colors

XYZ(88.7747, 97.0817, 94.2954)

Have a look what the booklet for
XYZ(88.7747, 97.0817, 94.2954)
contains.

XYZ(88.7023, 97.0469, 94.1776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.7023, 97.0469,
94.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFED
RGB	245, 255, 237
RGB Percent	96%, 100%, 93%
CMY	0.0392, 0.0000, 0.0706
CMYK	0.04, 0.00, 0.07, 0.00
HSL	93°, 100%, 96%
HSV	93°, 7%, 100%
XYZ	88.7023, 97.0469, 94.1776
YIQ	249.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

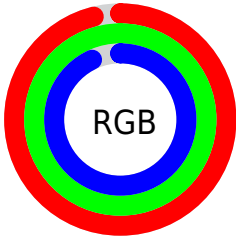
Format	Color
R_{YB}	237, 255, 247
Decimal	16121837
CIE _{Lab}	98.85, -6.41, 7.45
CIE _{LCh}	99, 9.832, 130.700
Yxy	97.0469, 0.3169, 0.3467
Android (android.graphics.Color)	4294311917 (0xFFFF5FFED)
YUV	249.9580, -6.3883, -4.3482
Hunter-Lab	98.5124, -11.6721, 12.2776

Details

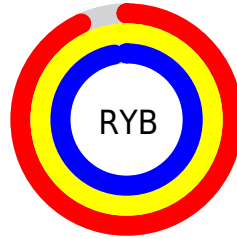
The XYZ color 88.7023, 97.0469, 94.1776 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6926, 87.5637, 106.9400, and the grayscale version is 90.8824, 95.6153, 104.1251.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5208, 54.5432, 51.6339 is the 20% darker color. If you saturate the color by 10%, you get 80.4829, 93.2100, 75.7079, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

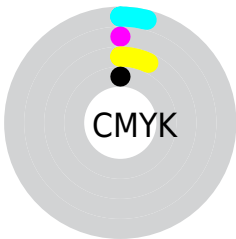
Distribution



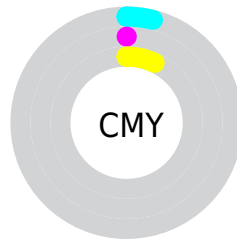
- Red (96%)
- Green (100%)
- Blue (93%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7023, 97.0469, 94.1776 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 88.7023, 97.0469, 94.1776 by changing the saturation by 10% instead.

88.7023, 97.0469,
94.1776

88.7023, 97.0469,
94.1776

512.1014,
550.6974, 562.4457

67.2376, 73.8398,
70.8576

144.4220,
157.0895, 155.1137

49.5491, 54.6629,
51.7449

179.4078,
194.6937, 193.5669

35.2716, 39.1319,
36.4209

219.6312,
237.8658, 237.9016

24.0397, 26.8624,
24.4672

265.4577,
286.9901, 288.5362

15.4879, 17.4699,
15.4651

317.2526,
342.4510, 345.8894

9.2511, 10.5701,
8.9962

375.3813,

4.9637, 5.7785,

404.6329, 410.3797

4.6420

440.2091,
473.9202, 482.4256

■ 2.2605, 2.7109,
1.9837

■ 0.7744, 0.9827,
0.5452

■ 88.7023, 97.0469,
94.1776

■ 88.7023, 97.0469,
94.1776

■ 80.4829, 93.2100,
75.7079

95.0500, 100.0000,
108.9000

■ 73.1403, 89.7664,
59.9272

■ 66.6429, 86.7026,
46.7112

■ 60.9557, 84.0037,
35.9240

■ 56.0414, 81.6534,
27.4171

■ 51.8588, 79.6344,
21.0256

■ 48.3623, 77.9270,
16.5627

■ 45.4994, 76.5091,
13.8087

■ 43.2057, 75.3537,
12.4830

Harmonies

Analogous

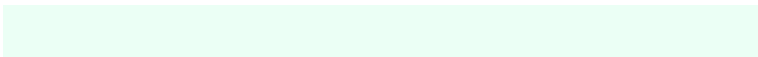
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2234, 97.0469, 90.9429



88.7023, 97.0469, 94.1776



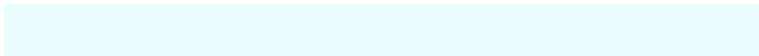
87.1495, 97.0469, 100.5500

Triad

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



88.7023, 97.0469, 94.1776



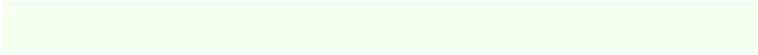
90.4355, 97.0469, 121.2308



97.7469, 97.0469, 102.7719

Complementary

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



88.7023, 97.0469, 94.1776



86.6926, 87.5637, 106.9400

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.



97.5254, 97.0469, 110.9559



88.7023, 97.0469, 94.1776



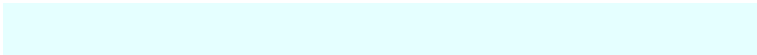
93.2644, 97.0469, 121.9016

Square

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



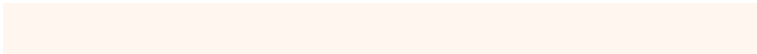
88.7023, 97.0469, 94.1776



88.1357, 97.0469, 116.2681



95.8709, 97.0469, 118.0560



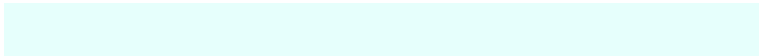
96.4701, 97.0469, 95.7318

Rectangle

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



88.7023, 97.0469, 94.1776



86.8528, 97.0469, 105.8600



95.8709, 97.0469, 118.0560



97.8458, 97.0469, 105.4753

Sweetspot

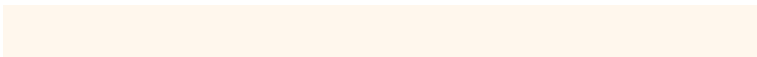
The Sweet Spot groups the original color and five complimentary colors.



88.7031, 97.0473, 94.1791



93.2050, 99.1425, 104.5843



89.7568, 93.8354, 93.5036



19.9691, 21.2296, 22.4305



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

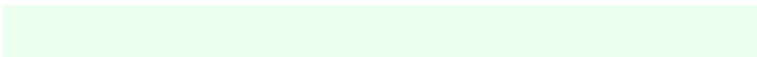
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7031, 97.0473, 94.1791



87.8905, 96.6687, 92.3212



86.1039, 95.6921, 94.7456



18.5380, 20.5632, 19.1364



22.4322, 39.3023, 6.4038



2.3074, 3.8903, 0.6293

Inverse Universe

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



86.6926, 87.5637, 106.9400



85.6264, 85.9885, 106.6922



89.4302, 88.9917, 106.3136



17.9681, 17.8753, 22.7532



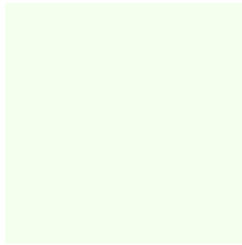
15.4044, 6.8518, 49.9452



1.6256, 0.7319, 4.8689

Previews

White Background



This preview shows how the XYZ color 88.7023, 97.0469, 94.1776 looks on a white background.

Color Contrast Check

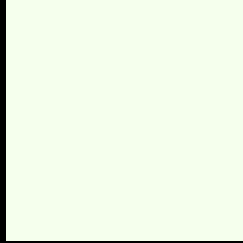
Large Text (above 18pt) WCAG AA × Fail

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 88.7023, 97.0469, 94.1776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

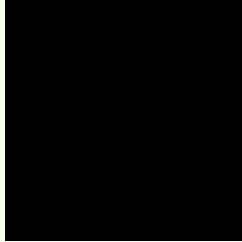
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

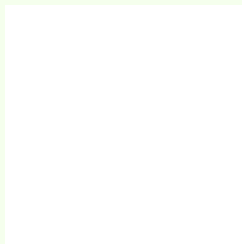
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7023, 97.0469, 94.1776

Background



This preview shows how black text looks on a background with the XYZ color 88.7023, 97.0469, 94.1776.



This preview shows how white text looks on a background with the XYZ color 88.7023, 97.0469,

94.176.

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

88.7023, 97.0469, 94.1776

Protanopia

92.2186, 96.8469, 100.2191

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.7023, 97.0469, 94.1776

Protanomaly

90.6211, 96.5408, 97.8624

Deuteranomaly

91.0755, 96.7226, 100.2553

Tritanomaly

90.8206, 96.5379, 102.6538

Monochromacy



Original Color

88.7023, 97.0469, 94.1776

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.0032, 96.1698, 100.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7023, 97.0469, 94.1776 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, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.7023, 97.0469, 94.1776 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, 237) }
```


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

```
.border{ border-color:rgb(245, 255, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7023, 97.0469, 94.1776 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, 237) }
```

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

```
.background{ background-color: rgb(245,  
255, 237) }
```

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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