

Converting Colors

XYZ(90.3556, 100.0000,
96.8394)

Have a look what the booklet for
XYZ(90.3556, 100.0000, 96.8394)
contains.

XYZ(88.7964, 97.0444, 96.4894)	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(88.7964, 97.0444,
96.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFF0
RGB	244, 255, 240
RGB Percent	96%, 100%, 94%
CMY	0.0431, 0.0000, 0.0588
CMYK	0.04, 0.00, 0.06, 0.00
HSL	104°, 100%, 97%
HSV	104°, 6%, 100%
XYZ	88.7964, 97.0444, 96.4894
YIQ	250.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

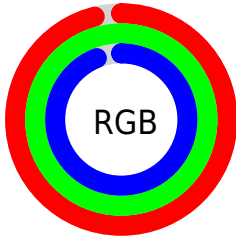
Format	Color
R_{YB}	240, 255, 251
Decimal	16056304
CIE _{Lab}	98.85, -6.23, 5.91
CIE _{LCh}	99, 8.588, 136.551
Y _{xy}	97.0444, 0.3145, 0.3437
Android (android.graphics.Color)	4294246384 (0xFFFF4FFF0)
Y _{UV}	250.0010, -4.9305, -5.2629
Hunter-Lab	98.5111, -11.4973, 10.8846

Details

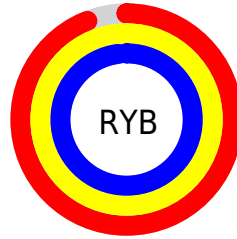
The XYZ color 88.7964, 97.0444, 96.4894 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9944, 90.0505, 107.2987, and the grayscale version is 90.9071, 95.6413, 104.1534.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5849, 54.5402, 53.2613 is the 20% darker color. If you saturate the color by 10%, you get 79.1073, 92.4568, 77.6314, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

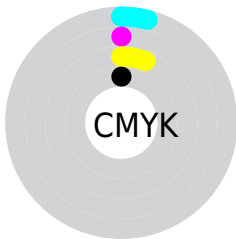
Distribution



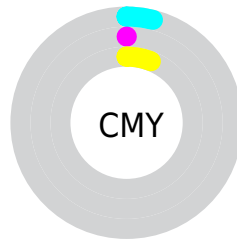
- Red (96%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7964, 97.0444, 96.4894 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 88.7964, 97.0444, 96.4894 by changing the saturation by 10% instead.


 88.7964, 97.0444,
96.4894

 88.7964, 97.0444,
96.4894


512.4042,
550.6894, 570.0279

 67.3158, 73.8377,
72.7715


144.5523,
157.0860, 158.3339

 49.6130, 54.6612,
53.2985


179.5583,
194.6897, 197.2976

 35.3225, 39.1305,
37.6517


219.8034,
237.8612, 242.1803

 24.0791, 26.8613,
25.4128

265.6531,
286.9849, 293.4005

 15.5173, 17.4691,
16.1630

317.4727,
342.4452, 351.3769

 9.2719, 10.5695,
9.4840

375.6275,

 4.9775, 5.7782,

404.6264, 416.5279

4.9571

440.4829,
473.9130, 489.2720

■ 2.2687, 2.7107,
2.1638

■ 0.7786, 0.9826,
0.6534

■ 88.7964, 97.0444,
96.4894

■ 88.7964, 97.0444,
96.4894

■ 79.1073, 92.4568,
77.6314

95.0500, 100.0000,
108.9000

■ 70.5665, 88.4023,
61.4892

■ 63.1309, 84.8613,
47.9391

■ 56.7532, 81.8125,
36.8456

■ 51.3830, 79.2329,
28.0614

■ 46.9653, 77.0978,
21.4232

■ 43.4392, 75.3799,
16.7464

■ 40.7360, 74.0484,
13.8150

■ 38.7746, 73.0674,
12.3615

Harmonies

Analogous

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



90.8770, 97.0444, 93.0266



88.7964, 97.0444, 96.4894



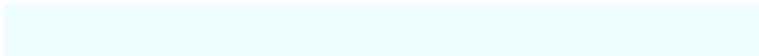
87.6473, 97.0444, 102.4996

Triad

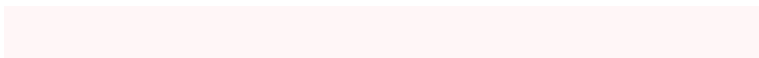
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7964, 97.0444, 96.4894



91.1258, 97.0444, 119.6080



96.9163, 97.0444, 101.7965

Complementary

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



88.7964, 97.0444, 96.4894



88.9944, 90.0505, 107.2987

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.



96.9858, 97.0444, 108.8946



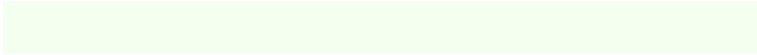
88.7964, 97.0444, 96.4894



93.6121, 97.0444, 119.3988

Square

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



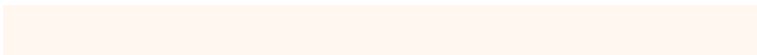
88.7964, 97.0444, 96.4894



88.9757, 97.0444, 115.9635



95.7670, 97.0444, 115.4043



95.5786, 97.0444, 95.9948

Rectangle

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



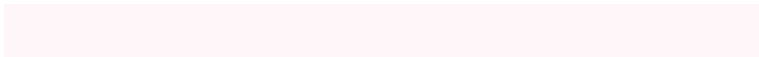
88.7964, 97.0444, 96.4894



87.5504, 97.0444, 107.2412



95.7670, 97.0444, 115.4043



97.0896, 97.0444, 104.1040

Sweetspot

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



88.7972, 97.0447, 96.4909



92.8771, 98.9734, 104.5689



91.3877, 96.3900, 96.2280



19.9023, 21.1952, 22.4274



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.



88.7972, 97.0447, 96.4909



87.6551, 96.5045, 94.2430



87.9115, 96.5318, 98.9923



18.6312, 20.5942, 19.9154



20.0507, 38.0746, 6.2924



2.0505, 3.7578, 0.6173

Inverse Universe

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



88.9944, 90.0505, 107.2987



87.8880, 88.2436, 107.0083



89.9318, 90.5937, 104.6346



18.6851, 18.6814, 22.8710



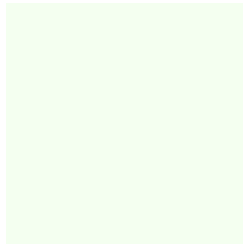
20.2886, 9.3696, 50.1738



2.0791, 0.9657, 4.8901

Previews

White Background



This preview shows how the XYZ color 88.7964, 97.0444, 96.4894 looks on a white background.

Color Contrast Check

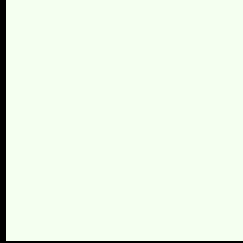
Large Text (above 18pt) WCAG AA × Fail

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 88.7964, 97.0444, 96.4894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

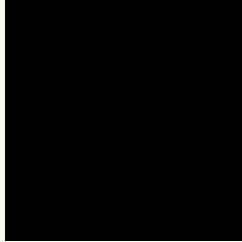
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

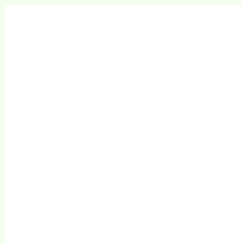
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7964, 97.0444, 96.4894

Background



This preview shows how black text looks on a background with the XYZ color 88.7964, 97.0444, 96.4894.

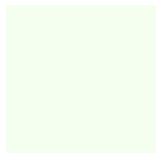


This preview shows how white text looks on a background with the XYZ color 88.7964, 97.0444,

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

88.7964, 97.0444, 96.4894



Protanopia

92.2186, 96.8469, 100.2191

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.7964, 97.0444, 96.4894

Protanomaly

90.7717, 96.6011, 98.6557

Deuteranomaly

91.2286, 96.7839, 101.0617

Tritanomaly

90.7771, 96.4794, 104.2804

Monochromacy



Original Color

88.7964, 97.0444, 96.4894

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.1564, 96.2311, 101.0115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7964, 97.0444, 96.4894 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(244, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 240)  
}
```

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(244, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.7964, 97.0444, 96.4894 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(244, 255, 240) }
```


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

```
.border{ border-color:rgb(244, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7964, 97.0444, 96.4894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 240) }
```

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

```
.background{ background-color: rgb(244,  
255, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor