

Converting Colors

XYZ(88.1951, 96.9504, 86.7039)

Have a look what the booklet for
XYZ(88.1951, 96.9504, 86.7039)
contains.

XYZ(88.3365, 97.0225, 86.7444)	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(88.3365, 97.0225,
86.7444)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE3
RGB	248, 255, 227
RGB Percent	97%, 100%, 89%
CMY	0.0274, 0.0000, 0.1098
CMYK	0.03, 0.00, 0.11, 0.00
HSL	75°, 100%, 95%
HSV	75°, 11%, 100%
XYZ	88.3365, 97.0225, 86.7444
YIQ	249.7150, 4.8160, -10.1920

Conversions

Conversions Part 2

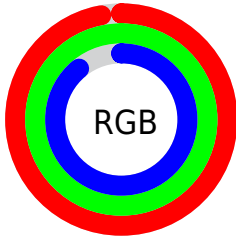
Format	Color
R_{YB}	227, 255, 234
Decimal	16318435
CIE Lab	98.84, -7.04, 12.59
CIE LCh	99, 14.425, 119.224
Yxy	97.0225, 0.3246, 0.3566
Android (android.graphics.Color)	4294508515 (0xFF8FFFE3)
YUV	249.7150, -11.1985, -1.5041
Hunter-Lab	98.5000, -12.2931, 16.7360

Details

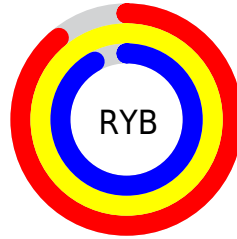
The XYZ color **88.3365, 97.0225, 86.7444** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **79.4516, 79.6518, 105.7945**, and the grayscale version is **90.7171, 95.4415, 103.9358**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3787, 54.5732, 46.9609** is the 20% darker color. If you saturate the color by 10%, you get **82.8517, 94.5720, 69.4559**, and if you desaturate by 10%, it is **94.4210, 99.7219, 106.7848**.

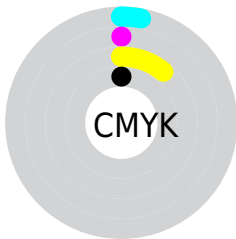
Distribution



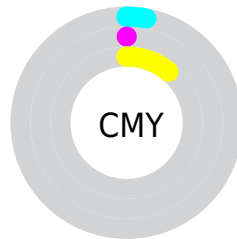
- Red (97%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3365, 97.0225, 86.7444 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 88.3365, 97.0225, 86.7444 by changing the saturation by 10% instead.

88.3365, 97.0225,
86.7444

88.3365, 97.0225,
86.7444

510.9235,
550.6197, 537.6770

66.9335, 73.8194,
64.7253

143.9157,
157.0558, 144.7035

49.3011, 54.6463,
46.7884

178.8226,
194.6549, 181.4807

35.0739, 39.1186,
32.5153

218.9615,
237.8214, 224.0142

23.8866, 26.8520,
21.4873

264.6977,
286.9398, 272.7227

15.3738, 17.4621,
13.2860

316.3967,
342.3944, 328.0247

9.1702, 10.5645,
7.4927

374.4237,

4.9103, 5.7748,

404.5697, 390.3387

3.6890

439.1442,
473.8500, 460.0833

■ 2.2290, 2.7086,
1.4563

■ 0.7579, 0.9816,
0.1851

■ 88.3365, 97.0225,
86.7444

■ 88.3365, 97.0225,
86.7444

■ 82.8517, 94.5720,
69.4559

94.4210, 99.7219,
106.7848

■ 77.9410, 92.3598,
54.7946

95.0500, 100.0000,
108.9000

■ 73.5796, 90.3761,
42.6328

■ 69.7404, 88.6099,
32.8304

■ 66.3932, 87.0491,
25.2334

■ 63.5046, 85.6801,
19.6698

■ 61.0362, 84.4875,
15.9417

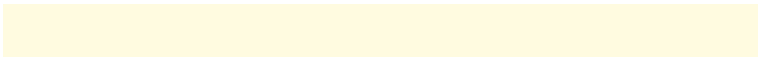
■ 58.9421, 83.4529,
13.8122

■ 57.3102, 82.6295,
12.9285

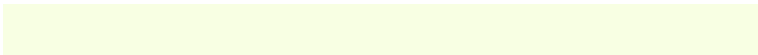
Harmonies

Analogous

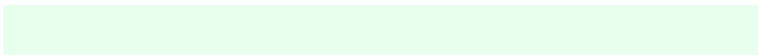
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3262, 97.0225, 84.1946



88.3365, 97.0225, 86.7444



85.4621, 97.0225, 94.2615

Triad

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



88.3365, 97.0225, 86.7444



88.1529, 97.0225, 126.7468



100.5157, 97.0225, 105.9539

Complementary

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



88.3365, 97.0225, 86.7444



79.4516, 79.6518, 105.7945

Split Complementary

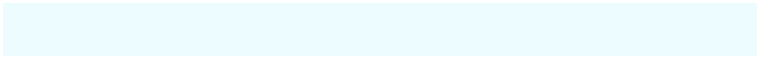
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.3187, 97.0225, 117.9014



88.3365, 97.0225, 86.7444



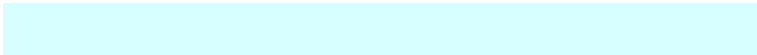
92.1079, 97.0225, 130.4513

Square

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



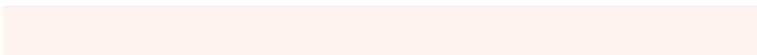
88.3365, 97.0225, 86.7444



85.3584, 97.0225, 117.3198



96.2095, 97.0225, 127.1001



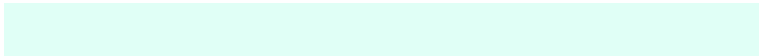
99.4335, 97.0225, 94.7642

Rectangle

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



88.3365, 97.0225, 86.7444



84.5215, 97.0225, 101.3826



96.2095, 97.0225, 127.1001



100.3659, 97.0225, 110.0170

Sweetspot

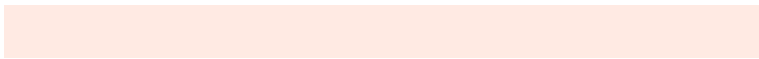
The Sweet Spot groups the original color and five complimentary colors.



88.3372, 97.0228, 86.7458



93.1425, 99.1561, 102.5090



84.3959, 85.3873, 84.7077



19.8292, 21.1761, 21.5848



0.0000, 0.0000, 0.0000



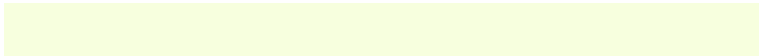
20.3446, 21.4041, 23.3091

Same Dimension

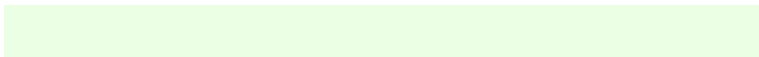
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3372, 97.0228, 86.7458



87.1814, 96.5079, 83.0348



83.7110, 94.6379, 86.5293



19.0917, 20.8487, 19.1623



30.0897, 43.2499, 6.7622



3.0295, 4.2625, 0.6631

Inverse Universe

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



79.4516, 79.6518, 105.7945



76.8085, 76.2285, 105.2731



84.0659, 82.0306, 106.0105



17.4284, 17.5971, 22.7279



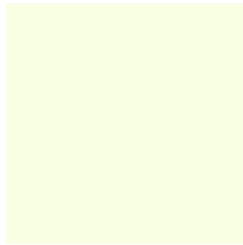
10.6414, 4.3963, 49.7223



1.1309, 0.4769, 4.8457

Previews

White Background



This preview shows how the XYZ color 88.3365, 97.0225, 86.7444 looks on a white background.

Color Contrast Check

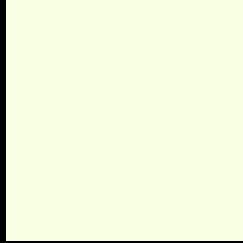
Large Text (above 18pt) WCAG AA × Fail

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 88.3365, 97.0225, 86.7444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

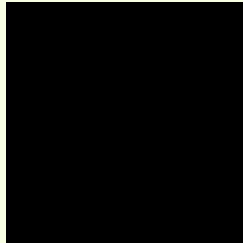
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3365, 97.0225, 86.7444

Background



This preview shows how black text looks on a background with the XYZ color 88.3365, 97.0225, 86.7444.



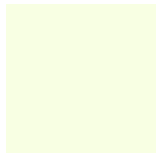
This preview shows how white text looks on a background with the XYZ color 88.3365, 97.0225,

86.7444.

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

88.3365, 97.0225, 86.7444



Protanopia

91.9148, 96.7254, 98.6195

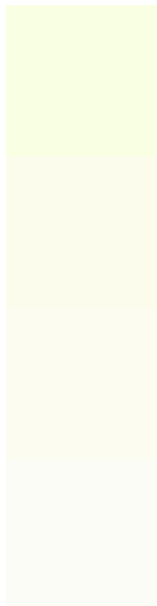
Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

92.6921, 96.9098, 108.4278

Trichromacy



Original Color

88.3365, 97.0225, 86.7444

Protanomaly

90.2413, 96.4307, 93.9775

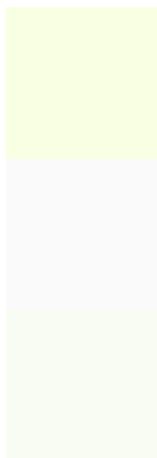
Deuteranomaly

90.8325, 96.6671, 97.0903

Tritanomaly

91.0755, 96.7226, 100.2553

Monochromacy



Original Color

88.3365, 97.0225, 86.7444

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

89.9043, 96.1713, 97.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3365, 97.0225, 86.7444 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 227) }
```

Border

The CSS property to change the border of an element to XYZ 88.3365, 97.0225, 86.7444 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, 227) }
```


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

```
.border{ border-color:rgb(248, 255, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3365, 97.0225, 86.7444 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, 227) }
```

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

```
.background{ background-color: rgb(248,  
255, 227) }
```

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