

Converting Colors

XYZ(90.2494, 100.0000,
94.1535)

Have a look what the booklet for
XYZ(90.2494, 100.0000, 94.1535)
contains.

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Color

**XYZ(88.9064, 97.1690,
93.4265)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFEC
RGB	246, 255, 236
RGB Percent	96%, 100%, 93%
CMY	0.0353, 0.0000, 0.0745
CMYK	0.04, 0.00, 0.07, 0.00
HSL	88°, 100%, 96%
HSV	88°, 7%, 100%
XYZ	88.9064, 97.1690, 93.4265
YIQ	250.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

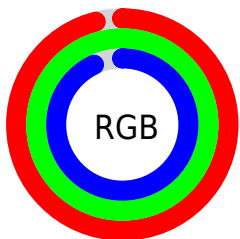
Format	Color
R _Y B	236, 255, 245
Decimal	16187372
CIE Lab	98.89, -6.24, 8.05
CIE LCh	99, 10.184, 127.819
Yxy	97.1690, 0.3181, 0.3477
Android (android.graphics.Color)	4294377452 (0xFFFF6FFEC)
YUV	250.1430, -6.9725, -3.6334
Hunter-Lab	98.5743, -11.5119, 12.8083

Details

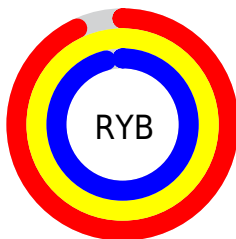
The XYZ color 88.9064, 97.1690, 93.4265 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.7023, 86.6245, 106.8110, and the grayscale version is 91.0394, 95.7805, 104.3050.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6675, 54.6306, 51.1070 is the 20% darker color. If you saturate the color by 10%, you get 81.3620, 93.6776, 75.0945, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

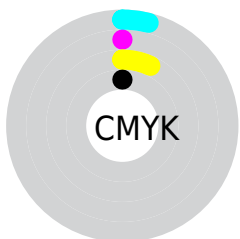
Distribution



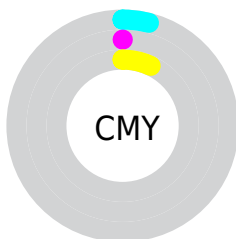
- Red (96%)
- Green (100%)
- Blue (93%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9064, 97.1690, 93.4265 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 88.9064, 97.1690, 93.4265 by changing the saturation by 10% instead.


 88.9064, 97.1690,
93.4265

 88.9064, 97.1690,
93.4265


512.7580,
551.0857, 559.9704

 67.4073, 73.9415,
70.2364


144.7045,
157.2578, 154.0658

 49.6876, 54.7462,
51.2413


179.7341,
194.8879, 192.3520

 35.3820, 39.1986,
36.0226


220.0047,
238.0877, 236.5074

 24.1252, 26.9142,
24.1618

265.8815,
287.2416, 286.9505

 15.5517, 17.5088,
15.2404

317.7298,
342.7339, 344.0998

 9.2963, 10.5979,
8.8398

375.9151,

 4.9936, 5.7972,

404.9491, 408.3738

4.5414

440.8028,
474.2716, 480.1912

■ 2.2782, 2.7221,
1.9268

■ 0.7835, 0.9884,
0.5097

■ 88.9064, 97.1690,
93.4265

■ 88.9064, 97.1690,
93.4265

■ 81.3620, 93.6776,
75.0945

95.0500, 100.0000,
108.9000

■ 74.5939, 90.5280,
59.4421

■ 68.5737, 87.7081,
46.3448

■ 63.2700, 85.2048,
35.6664

■ 58.6488, 83.0038,
27.2580

■ 54.6730, 81.0896,
20.9543

■ 51.3008, 79.4448,
16.5674

■ 48.4839, 78.0493,
13.8763

■ 46.1611, 76.8778,
12.5927

Harmonies

Analogous

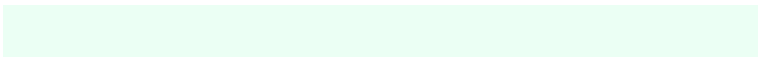
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5832, 97.1690, 90.4437



88.9064, 97.1690, 93.4265



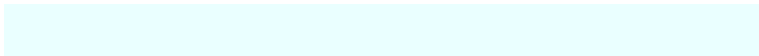
87.1799, 97.1690, 99.7587

Triad

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



88.9064, 97.1690, 93.4265



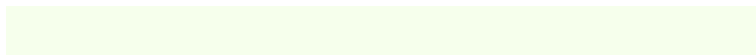
90.2218, 97.1690, 121.6417



98.1168, 97.1690, 103.5961

Complementary

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



88.9064, 97.1690, 93.4265



85.7023, 86.6245, 106.8110

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.



97.7334, 97.1690, 112.0815



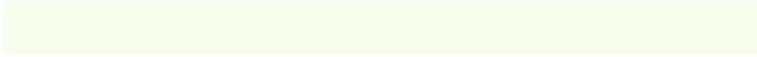
88.9064, 97.1690, 93.4265



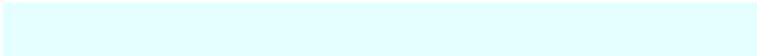
93.1335, 97.1690, 122.8042

Square

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



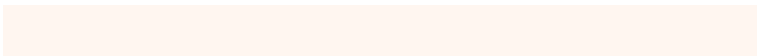
88.9064, 97.1690, 93.4265



87.9280, 97.1690, 116.1249



95.8941, 97.1690, 119.2216



96.9307, 97.1690, 96.1070

Rectangle

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



88.9064, 97.1690, 93.4265



86.7788, 97.1690, 105.1807



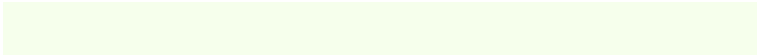
95.8941, 97.1690, 119.2216



98.1677, 97.1690, 106.4228

Sweetspot

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



88.9071, 97.1693, 93.4280



93.3565, 99.2206, 104.5914



88.9930, 92.5410, 92.5301



19.9999, 21.2455, 22.4320



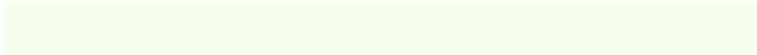
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

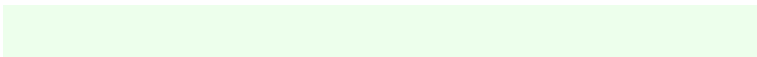
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9071, 97.1693, 93.4280



87.6858, 96.6053, 90.4063



85.7039, 95.5180, 93.2781



18.6842, 20.6386, 19.1432



24.0146, 40.1181, 6.4779



2.4644, 3.9712, 0.6366

Inverse Universe

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



85.7023, 86.6245, 106.8110



83.8554, 84.0019, 106.4021



89.0534, 88.3521, 106.9678



17.8213, 17.7996, 22.7463



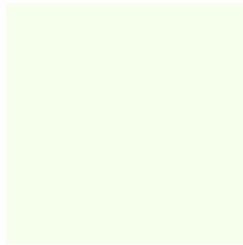
13.7052, 5.9758, 49.8657



1.4595, 0.6463, 4.8611

Previews

White Background



This preview shows how the XYZ color 88.9064, 97.1690, 93.4265 looks on a white background.

Color Contrast Check

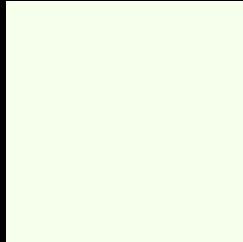
Large Text (above 18pt) WCAG AA × Fail

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 88.9064, 97.1690, 93.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

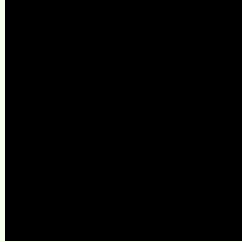
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

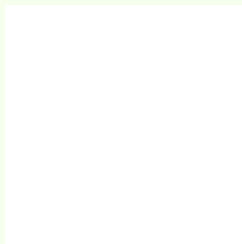
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9064, 97.1690, 93.4265

Background



This preview shows how black text looks on a background with the XYZ color 88.9064, 97.1690, 93.4265.



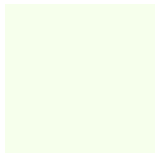
This preview shows how white text looks on a background with the XYZ color 88.9064, 97.1690,

93.4 65.

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

88.9064, 97.1690, 93.4265

Protanopia

92.2186, 96.8469, 100.2191

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

92.6921, 96.9098, 108.4278

Trichromacy



Original Color

88.9064, 97.1690, 93.4265

Protanomaly

90.9823, 96.7271, 97.8793

Deuteranomaly

91.4367, 96.9088, 100.2722

Tritanomaly

91.1780, 96.7221, 102.6706

Monochromacy



Original Color

88.9064, 97.1690, 93.4265

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.3588, 96.3531, 100.2218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9064, 97.1690, 93.4265 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(246, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 236)  
}
```

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(246, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 88.9064, 97.1690, 93.4265 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(246, 255, 236) }
```


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

```
.border{ border-color:rgb(246, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9064, 97.1690, 93.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 236) }
```

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

```
.background{ background-color: rgb(246,  
255, 236) }
```

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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