

Converting Colors

XYZ(125.9465, 170.9621,
97.1569)

Have a look what the booklet for
XYZ(125.9465, 170.9621, 97.1569)
contains.

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Color

**XYZ(88.9982, 97.4110,
84.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE0
RGB	251, 255, 224
RGB Percent	98%, 100%, 88%
CMY	0.0157, 0.0000, 0.1216
CMYK	0.02, 0.00, 0.12, 0.00
HSL	68°, 100%, 94%
HSV	68°, 12%, 100%
XYZ	88.9982, 97.4110, 84.6325
YIQ	250.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

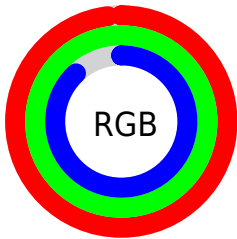
Format	Color
RYB	224, 255, 228
Decimal	16515040
CIELab	98.99, -6.49, 14.37
CIElCh	99, 15.766, 114.297
Yxy	97.4110, 0.3284, 0.3594
Android (android.graphics.Color)	4294705120 (0xFFFBFFE0)
YUV	250.2700, -12.9511, 0.6402
Hunter-Lab	98.6970, -11.7607, 18.2468

Details

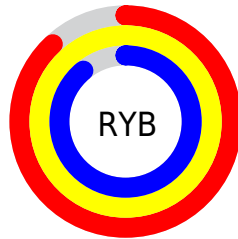
The XYZ color **88.9982, 97.4110, 84.6325** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.7014, 77.0265, 105.4327**, and the grayscale version is **91.1882, 95.9371, 104.4755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6036, 54.7221, 45.4841** is the 20% darker color. If you saturate the color by 10%, you get **84.6203, 95.5242, 67.7082**, and if you desaturate by 10%, it is **93.9168, 99.5166, 104.2923**.

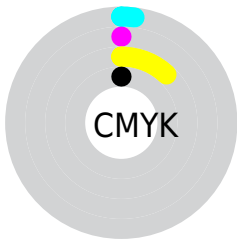
Distribution



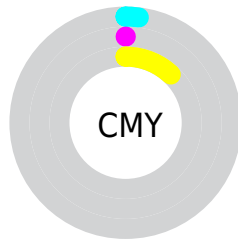
- Red (98%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9982, 97.4110, 84.6325 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 88.9982, 97.4110, 84.6325 by changing the saturation by 10% instead.


 88.9982, 97.4110,
84.6325

 88.9982, 97.4110,
84.6325

513.0532,
551.8551, 530.5241

 67.4836, 74.1433,
62.9894


144.8315,
157.5913, 141.7292

 49.7499, 54.9113,
45.3917

179.8809,
195.2727, 178.0199

 35.4317, 39.3307,
31.4208


220.1726,
238.5274, 220.0301

 24.1637, 27.0171,
20.6584

266.0720,
287.7399, 268.1785

 15.5805, 17.5861,
12.6857

317.9444,
343.2945, 322.8835

 9.3167, 10.6532,
7.0843

376.1551,

 5.0071, 5.8342,

405.5757, 384.5638

3.4356

441.0696,
474.9677, 453.6378

■ 2.2862, 2.7445,
1.3211

■ 0.7876, 0.9998,
0.0790

■ 88.9982, 97.4110,
84.6325

■ 88.9982, 97.4110,
84.6325

■ 84.6203, 95.5242,
67.7082

■ 93.9168, 99.5166,
104.2923

■ 80.7578, 93.8459,
53.3938

95.0500, 100.0000,
108.9000

■ 77.3868, 92.3664,
41.5605

■ 74.4801, 91.0751,
32.0667

■ 72.0081, 89.9600,
24.7567

■ 69.9375, 89.0078,
19.4557

■ 68.2300, 88.2031,
15.9624

■ 66.8393, 87.5274,
14.0336

■ 65.9161, 87.0660,
13.3313

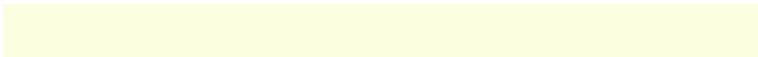
Harmonies

Analogous

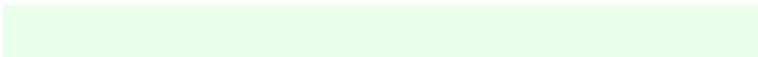
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4671, 97.4110, 82.8252



88.9982, 97.4110, 84.6325



85.5952, 97.4110, 91.9716

Triad

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



88.9982, 97.4110, 84.6325



87.5251, 97.4110, 127.9675



101.6591, 97.4110, 108.5987

Complementary

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



88.9982, 97.4110, 84.6325



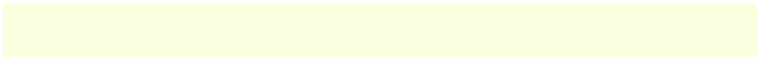
76.7014, 77.0265, 105.4327

Split Complementary

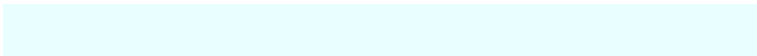
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.9479, 97.4110, 121.5271



88.9982, 97.4110, 84.6325



91.7109, 97.4110, 133.2877

Square

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



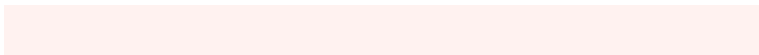
88.9982, 97.4110, 84.6325



84.7646, 97.4110, 116.8199



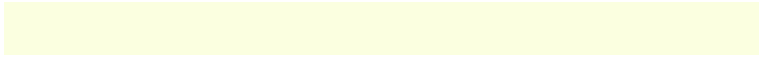
96.2694, 97.4110, 130.8387



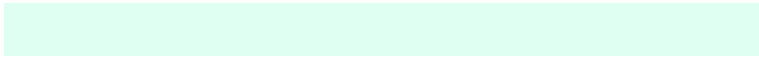
100.8748, 97.4110, 95.9894

Rectangle

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



88.9982, 97.4110, 84.6325



84.3384, 97.4110, 99.3616



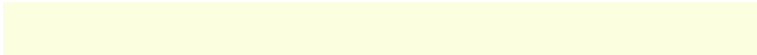
96.2694, 97.4110, 130.8387



101.3550, 97.4110, 113.0612

Sweetspot

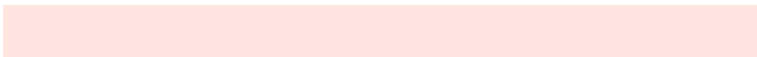
The Sweet Spot groups the original color and five complimentary colors.



88.9989, 97.4114, 84.6339



92.9685, 99.1117, 100.4567



82.3334, 81.9190, 81.9949



19.8174, 21.1791, 21.1729



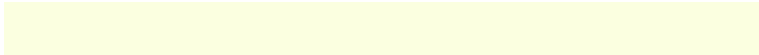
0.0000, 0.0000, 0.0000



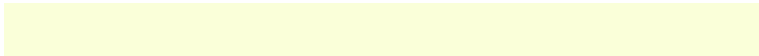
20.3446, 21.4041, 23.3091

Same Dimension

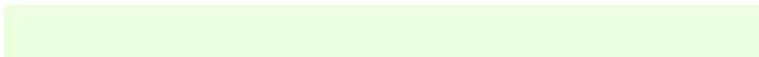
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9989, 97.4114, 84.6339



87.6997, 96.8529, 79.5475



83.7686, 94.7150, 84.3892



19.3171, 20.9649, 19.1728



34.5327, 45.5403, 6.9701



3.4238, 4.4658, 0.6815

Inverse Universe

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



76.7014, 77.0265, 105.4327



72.8261, 72.1967, 104.7048



81.7089, 79.6080, 105.6671



17.2208, 17.4900, 22.7182



9.8244, 3.9751, 49.6841



1.0213, 0.4204, 4.8406

Previews

White Background



This preview shows how the XYZ color 88.9982, 97.4110, 84.6325 looks on a white background.

Color Contrast Check

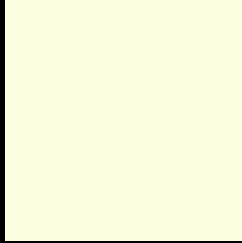
Large Text (above 18pt) WCAG AA × Fail

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 88.9982, 97.4110, 84.6325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

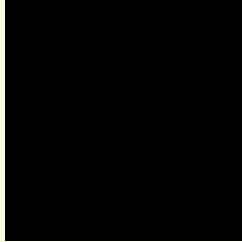
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9982, 97.4110, 84.6325

Background



This preview shows how black text looks on a background with the XYZ color 88.9982, 97.4110, 84.6325.



This preview shows how white text looks on a background with the XYZ color 88.9982, 97.4110,

84.6325.

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

88.9982, 97.4110, 84.6325



Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

93.0552, 97.0970, 108.4448

Trichromacy



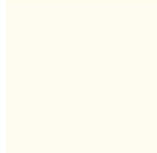
Original Color

88.9982, 97.4110, 84.6325



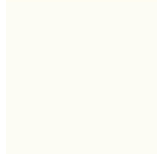
Protanomaly

91.2844, 97.4358, 94.1166



Deuteranomaly

91.5606, 97.0425, 97.1244



Tritanomaly

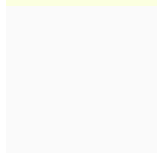
91.2844, 96.8479, 99.4703

Monochromacy



Original Color

88.9982, 97.4110, 84.6325



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.1119, 96.2957, 97.0566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9982, 97.4110, 84.6325 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(251, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 224)  
}
```

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(251, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 88.9982, 97.4110, 84.6325 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(251, 255, 224) }
```


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

```
.border{ border-color:rgb(251, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9982, 97.4110, 84.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 224) }
```

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

```
.background{ background-color: rgb(251,  
255, 224) }
```

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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