

Converting Colors

XYZ(89.0787, 97.5899, 78.4326)

Have a look what the booklet for
XYZ(89.0787, 97.5899, 78.4326)
contains.

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Color

**XYZ(88.8988, 97.4971,
78.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD7
RGB	254, 255, 215
RGB Percent	100%, 100%, 84%
CMY	0.0039, 0.0000, 0.1569
CMYK	0.00, 0.00, 0.16, 0.00
HSL	61°, 100%, 92%
HSV	61°, 16%, 100%
XYZ	88.8988, 97.4971, 78.4233
YIQ	250.1410, 12.2440, -12.6520

Conversions

Conversions Part 2

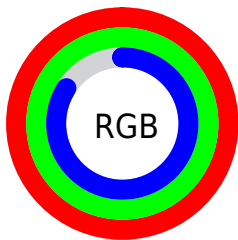
Format	Color
R _Y B	215, 255, 216
Decimal	16711639
CIE Lab	99.02, -6.82, 19.04
CIE LCh	99, 20.223, 109.695
Yxy	97.4971, 0.3357, 0.3682
Android (android.graphics.Color)	4294901719 (0xFFFEFFD7)
YUV	250.1410, -17.3245, 3.3843
Hunter-Lab	98.7406, -12.0878, 22.0282

Details

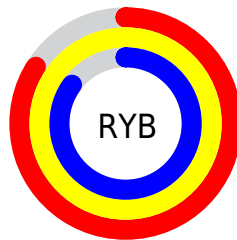
The XYZ color **88.8988, 97.4971, 78.4233** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.6702, 70.4210, 104.4756**, and the grayscale version is **91.1137, 95.8587, 104.3901**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5652, 54.7965, 41.2221** is the 20% darker color. If you saturate the color by 10%, you get **85.6406, 96.1670, 62.4787**, and if you desaturate by 10%, it is **92.6698, 99.0325, 97.0606**.

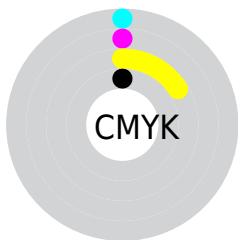
Distribution



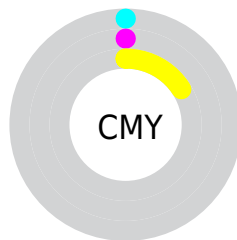
- Red (100%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8988, 97.4971, 78.4233 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 88.8988, 97.4971, 78.4233 by changing the saturation by 10% instead.


 88.8988, 97.4971,
78.4233

 88.8988, 97.4971,
78.4233


512.7336,
552.1287, 509.1692

 67.4009, 74.2151,
57.9033


144.6940,
157.7100, 132.9380

 49.6824, 54.9701,
41.3167


179.7220,
195.4096, 167.7697

 35.3779, 39.3778,
28.2451


219.9908,
238.6839, 208.2090

 24.1220, 27.0537,
18.2698

265.8657,
287.9172, 254.6745

 15.5494, 17.6136,
10.9724

317.7121,
343.4939, 307.5848

 9.2947, 10.6729,
5.9344

375.8953,

 4.9925, 5.8473,

405.7985, 367.3583

2.7371

440.7807,
475.2152, 434.4135

■ 2.2776, 2.7525,
0.9620

■ 0.7832, 1.0039,
0.0000

■ 88.8988, 97.4971,
78.4233

■ 88.8988, 97.4971,
78.4233

■ 85.6406, 96.1670,
62.4787

■ 92.6698, 99.0325,
97.0606

■ 82.8697, 95.0319,
49.0982

95.0500, 100.0000,
108.9000

■ 80.5614, 94.0818,
38.1493

■ 78.6879, 93.3058,
29.4859

■ 77.2184, 92.6915,
22.9461

■ 76.1182, 92.2250,
18.3471

■ 75.3467, 91.8900,
15.4749

■ 74.8537, 91.6665,
14.0649

■ 74.6954, 91.5919,
13.7421

Harmonies

Analogous

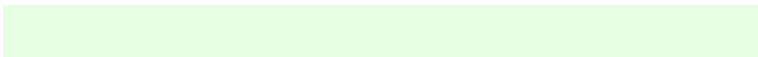
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7115, 97.4971, 77.3043



88.8988, 97.4971, 78.4233



84.2866, 97.4971, 86.5057

Triad

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



88.8988, 97.4971, 78.4233



85.5248, 97.4971, 132.9001



104.2785, 97.4971, 112.0741

Complementary

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



88.8988, 97.4971, 78.4233



70.6702, 70.4210, 104.4756

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.



101.5876, 97.4971, 128.5813



88.8988, 97.4971, 78.4233



90.6543, 97.4971, 141.4227

Square

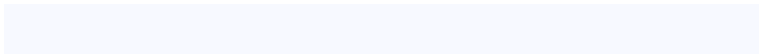
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8988, 97.4971, 78.4233



82.3965, 97.4971, 117.4829



96.5424, 97.4971, 139.7633



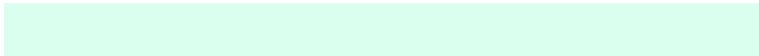
103.7596, 97.4971, 95.5849

Rectangle

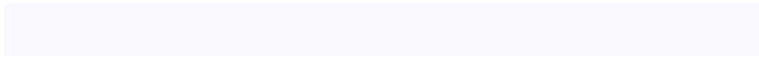
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8988, 97.4971, 78.4233



82.4348, 97.4971, 95.2820



96.5424, 97.4971, 139.7633



103.7151, 97.4971, 117.8311

Sweetspot

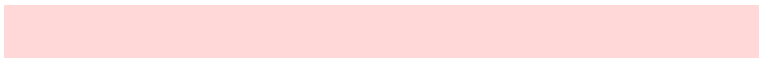
The Sweet Spot groups the original color and five complimentary colors.



88.8994, 97.4974, 78.4247



92.9475, 99.1455, 98.4395



77.9771, 75.1085, 74.6789



19.8337, 21.1964, 20.7676



0.0000, 0.0000, 0.0000



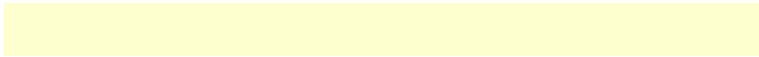
20.3446, 21.4041, 23.3091

Same Dimension

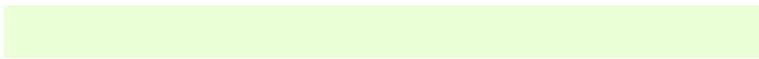
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8994, 97.4974, 78.4247



87.7637, 97.0342, 72.8473



82.0676, 93.9755, 78.1050



19.5137, 21.0663, 19.1820



39.0502, 47.8692, 7.1815



3.8158, 4.6679, 0.6999

Inverse Universe

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



70.6702, 70.4210, 104.4756



66.1990, 65.0031, 103.6655



76.8328, 73.5979, 104.7640



17.0449, 17.3994, 22.7100



9.4913, 3.8034, 49.6685



0.9382, 0.3776, 4.8367

Previews

White Background



This preview shows how the XYZ color 88.8988, 97.4971, 78.4233 looks on a white background.

Color Contrast Check

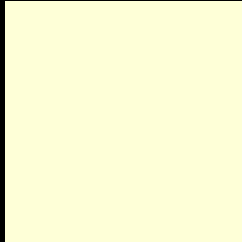
Large Text (above 18pt) WCAG AA × Fail

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 88.8988, 97.4971, 78.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

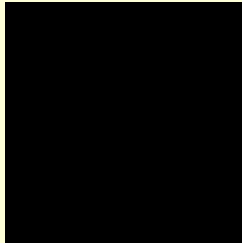
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8988, 97.4971, 78.4233

Background



This preview shows how black text looks on a background with the XYZ color 88.8988, 97.4971, 78.4233.



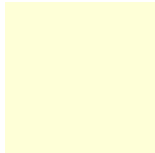
This preview shows how white text looks on a background with the XYZ color 88.8988, 97.4971,

78.4233.

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

88.8988, 97.4971, 78.4233

Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

93.3057, 97.7829, 104.3987

Tritanopia

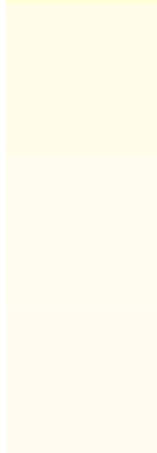
93.4202, 97.2852, 108.4619

Trichromacy



Original Color

88.8988, 97.4971, 78.4233



Protanomaly

91.2166, 97.4511, 91.8442

Deuteranomaly

91.6513, 97.6250, 94.1337

Tritanomaly

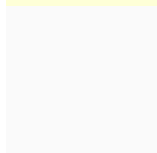
91.4116, 96.9829, 96.3397

Monochromacy



Original Color

88.8988, 97.4971, 78.4233



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

89.8801, 96.2445, 93.9606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8988, 97.4971, 78.4233 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(254, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 215)  
}
```

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(254, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 88.8988, 97.4971, 78.4233 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(254, 255, 215) }
```


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

```
.border{ border-color:rgb(254, 255, 215) }
```

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

Here you see how a box with a 4 pixel rgb(254, 255, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8988, 97.4971, 78.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 215) }
```

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

```
.background{ background-color: rgb(254,  
255, 215) }
```

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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