

Converting Colors

XYZ(88.3700, 95.7913, 78.4608)

Have a look what the booklet for
XYZ(88.3700, 95.7913, 78.4608)
contains.

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Color

**XYZ(88.4451, 95.8387,
78.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFC D8
RGB	255, 252, 216
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0117, 0.1529
CMYK	0.00, 0.01, 0.15, 0.00
HSL	55°, 100%, 92%
HSV	55°, 15%, 100%
XYZ	88.4451, 95.8387, 78.8029
YIQ	248.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

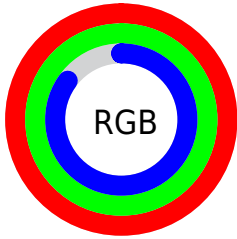
Format	Color
R _Y B	219, 255, 216
Decimal	16776408
CIE Lab	98.37, -4.82, 17.62
CIE LCh	98, 18.268, 105.303
Yxy	95.8387, 0.3362, 0.3643
Android (android.graphics.Color)	4294966488 (0xFFFFFCD8)
YUV	248.7930, -16.1669, 5.4435
Hunter-Lab	97.8972, -10.0546, 20.8023

Details

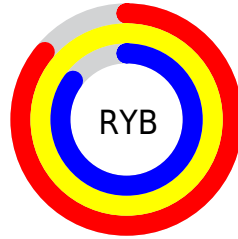
The XYZ color **88.4451, 95.8387, 78.8029** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.6999, 72.4800, 104.8188**, and the grayscale version is **89.9955, 94.6822, 103.1089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2368, 53.6092, 41.4708** is the 20% darker color. If you saturate the color by 10%, you get **84.7900, 93.4013, 62.5627**, and if you desaturate by 10%, it is **92.6226, 98.5016, 97.7437**.

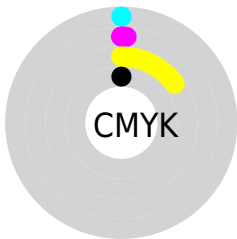
Distribution



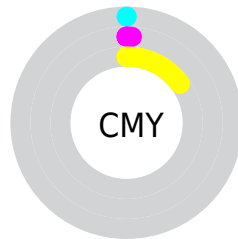
- Red (100%)
- Green (99%)
- Blue (85%)



- Red (86%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4451, 95.8387, 78.8029 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 88.4451, 95.8387, 78.8029 by changing the saturation by 10% instead.

 88.4451, 95.8387,
78.8029

 88.4451, 95.8387,
78.8029


511.2733,
546.8465, 510.4893

 67.0238, 72.8332,
58.2134


144.0660,
155.4228, 133.4775

 49.3747, 53.8396,
41.5644


178.9963,
192.7702, 168.3997

 35.1326, 38.4734,
28.4373


219.1603,
235.6670, 208.9365

 23.9320, 26.3503,
18.4137

264.9234,
284.4977, 255.5065

 15.4077, 17.0859,
11.0749

316.6509,
339.6466, 308.5283

 9.1942, 10.2958,
6.0024

374.7081,

 4.9262, 5.5955,

401.4981, 368.4203

2.7777

439.4605,
470.4366, 435.6011

■ 2.2383, 2.6007,
0.9823

■ 0.7628, 0.9270,
0.0000

■ 88.4451, 95.8387,
78.8029

■ 88.4451, 95.8387,
78.8029

■ 84.7900, 93.4013,
62.5627

■ 92.6226, 98.5016,
97.7437

■ 81.6272, 91.1677,
48.8932

95.0500, 100.0000,
108.9000

■ 78.9335, 89.1318,
37.6628

■ 76.6812, 87.2825,
28.7259

■ 74.8396, 85.6076,
21.9214

■ 73.3744, 84.0931,
17.0673

■ 72.2450, 82.7229,
13.9513

■ 71.4017, 81.4771,
12.3113

■ 71.0702, 80.9204,
11.8734

Harmonies

Analogous

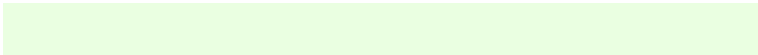
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6853, 95.8387, 78.7370



88.4451, 95.8387, 78.8029



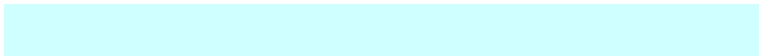
84.0811, 95.8387, 85.2531

Triad

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



88.4451, 95.8387, 78.8029



84.1530, 95.8387, 126.3559



101.2427, 95.8387, 111.8845

Complementary

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



88.4451, 95.8387, 78.8029



71.6999, 72.4800, 104.8188

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.



98.4817, 95.8387, 126.1095



88.4451, 95.8387, 78.8029



88.5466, 95.8387, 134.9950

Square

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



88.4451, 95.8387, 78.8029



81.6689, 95.8387, 112.1953



93.7908, 95.8387, 134.9008



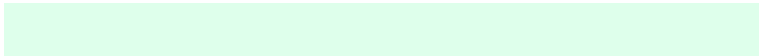
101.2130, 95.8387, 96.8831

Rectangle

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



88.4451, 95.8387, 78.8029



82.1975, 95.8387, 92.6972



93.7908, 95.8387, 134.9008



100.6057, 95.8387, 116.9450

Sweetspot

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



88.4473, 95.8428, 78.8049



92.7532, 98.5830, 98.3412



78.6157, 75.5005, 77.6213



19.7862, 21.0592, 20.7436



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

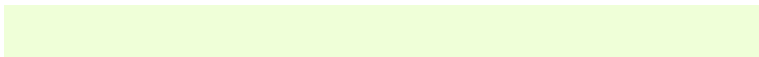
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4473, 95.8428, 78.8049



87.4072, 95.1609, 74.1476



83.6675, 94.7854, 78.8528



19.4349, 20.8379, 19.1421



37.1859, 42.3830, 6.2208



3.6547, 4.1948, 0.6171

Inverse Universe

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



71.6999, 72.4800, 104.8188



68.0725, 68.1892, 104.1818



75.9667, 73.5306, 104.7967



17.1150, 17.6016, 22.7453



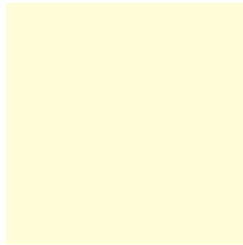
9.5979, 4.1053, 49.7211



0.9714, 0.4736, 4.8535

Previews

White Background



This preview shows how the XYZ color 88.4451, 95.8387, 78.8029 looks on a white background.

Color Contrast Check

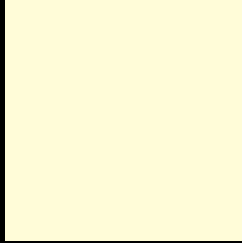
Large Text (above 18pt) WCAG AA × Fail

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 88.4451, 95.8387, 78.8029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

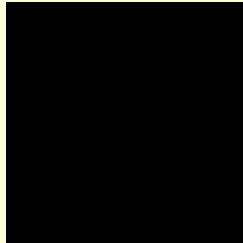
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4451, 95.8387, 78.8029

Background



This preview shows how black text looks on a background with the XYZ color 88.4451, 95.8387, 78.8029.

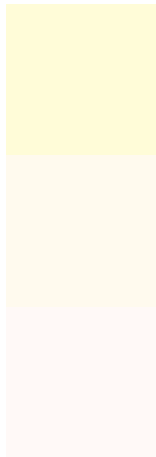


This preview shows how white text looks on a background with the XYZ color 88.4451, 95.8387,

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

88.4451, 95.8387, 78.8029

Protanopia

90.8582, 95.8043, 94.5922

Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

92.7987, 96.0422, 108.2547

Trichromacy



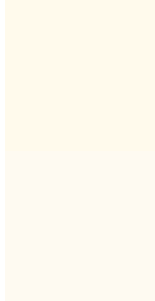
Original Color

88.4451, 95.8387, 78.8029



Protanomaly

90.0201, 95.9675, 88.6419



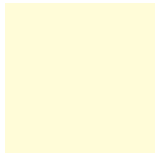
Deuteranomaly

90.5659, 95.6873, 93.0530

Tritanomaly

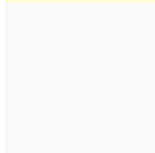
90.9358, 95.7929, 96.9161

Monochromacy



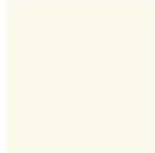
Original Color

88.4451, 95.8387, 78.8029



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.2553, 94.9949, 93.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4451, 95.8387, 78.8029 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(255, 252, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 216)  
}
```

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(255, 252, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 216) }
```

Border

The CSS property to change the border of an element to XYZ 88.4451, 95.8387, 78.8029 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(255, 252, 216) }
```


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

```
.border{ border-color:rgb(255, 252, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4451, 95.8387, 78.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 216) }
```

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

```
.background{ background-color: rgb(255,  
252, 216) }
```

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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