

Converting Colors

XYZ(88.7818, 97.4708, 76.8821)

Have a look what the booklet for
XYZ(88.7818, 97.4708, 76.8821)
contains.

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Color

**XYZ(88.6433, 97.3949,
77.0779)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FEFFD5 |
| RGB | 254, 255, 213 |
| RGB Percent | 100%, 100%, 84% |
| CMY | 0.0039, 0.0000, 0.1647 |
| CMYK | 0.00, 0.00, 0.16, 0.00 |
| HSL | 61°, 100%, 92% |
| HSV | 61°, 16%, 100% |
| XYZ | 88.6433, 97.3949, 77.0779 |
| YIQ | 249.9130, 12.8860, -13.2740 |

Conversions

Conversions Part 2

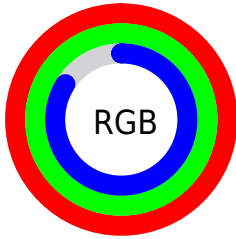
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 255, 214 |
| Decimal | 16711637 |
| CIE Lab | 98.98, -7.11, 20.00 |
| CIE LCh | 99, 21.228, 109.571 |
| Yxy | 97.3949, 0.3369, 0.3702 |
| Android (android.graphics.Color) | 4294901717 (0xFFFEFFD5) |
| YUV | 249.9130, -18.1981, 3.5843 |
| Hunter-Lab | 98.6889, -12.3750, 22.7756 |

Details

The XYZ color **88.6433, 97.3949, 77.0779** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.5767, 69.1059, 104.2794**, and the grayscale version is **90.9318, 95.6673, 104.1817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3916, 54.7271, 40.3079** is the 20% darker color. If you saturate the color by 10%, you get **85.4352, 96.0861, 61.3396**, and if you desaturate by 10%, it is **92.3623, 98.9082, 95.4994**.

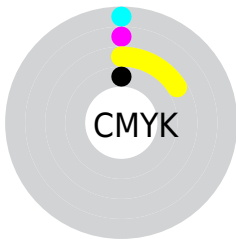
Distribution



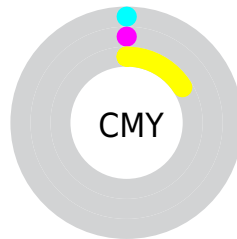
- Red (100%)
- Green (100%)
- Blue (84%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6433, 97.3949, 77.0779 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 88.6433, 97.3949, 77.0779 by changing the saturation by 10% instead.


 88.6433, 97.3949,
77.0779

 88.6433, 97.3949,
77.0779


511.9115,
551.8039, 504.4743

 67.1885, 74.1299,
56.8049


144.3404,
157.5691, 131.0235

 49.5091, 54.9003,
40.4403


179.3134,
195.2471, 165.5331

 35.2397, 39.3219,
27.5656


219.5232,
238.4982, 205.6253

 24.0150, 27.0103,
17.7623

265.3352,
287.7068, 251.7186

 15.4695, 17.5809,
10.6118

317.1146,
343.2572, 304.2317

 9.2380, 10.6495,
5.6956

375.2269,

 4.9551, 5.8317,

405.5340, 363.5829

2.5951

440.0374,
474.9214, 430.1910

■ 2.2554, 2.7430,
0.8899

■ 0.7717, 0.9991,
0.0000

■ 88.6433, 97.3949,
77.0779

■ 88.6433, 97.3949,
77.0779

■ 85.4352, 96.0861,
61.3396

■ 92.3623, 98.9082,
95.4994

■ 82.7125, 94.9715,
48.1553

95.0500, 100.0000,
108.9000

■ 80.4502, 94.0411,
37.3917

■ 78.6203, 93.2838,
28.9014

■ 77.1917, 92.6871,
22.5213

■ 76.1295, 92.2370,
18.0663

■ 75.3924, 91.9171,
15.3198

■ 74.9290, 91.7066,
14.0105

■ 74.8033, 91.6475,
13.7472

Harmonies

Analogous

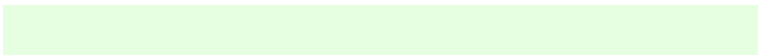
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7408, 97.3949, 75.9474



88.6433, 97.3949, 77.0779



83.8084, 97.3949, 85.4530

Triad

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



88.6433, 97.3949, 77.0779



85.0693, 97.3949, 134.1492



104.7691, 97.3949, 112.3333

Complementary

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



88.6433, 97.3949, 77.0779



69.5767, 69.1059, 104.2794

Split Complementary

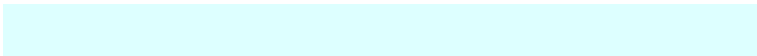
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.9239, 97.3949, 129.7083



88.6433, 97.3949, 77.0779



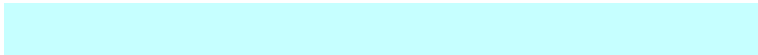
90.4344, 97.3949, 143.2021

Square

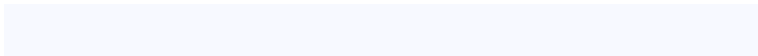
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



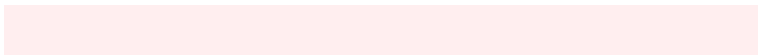
88.6433, 97.3949, 77.0779



81.8094, 97.3949, 117.8721



96.6129, 97.3949, 141.4921



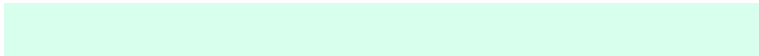
104.2371, 97.3949, 95.0395

Rectangle

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



88.6433, 97.3949, 77.0779



81.8655, 97.3949, 94.5947



96.6129, 97.3949, 141.4921



104.1712, 97.3949, 118.3871

Sweetspot

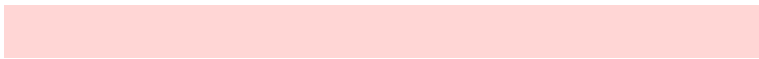
The Sweet Spot groups the original color and five complimentary colors.



88.6439, 97.3952, 77.0793



92.9531, 99.1484, 98.4398



77.2217, 74.0067, 73.1669



19.8350, 21.1971, 20.7676



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

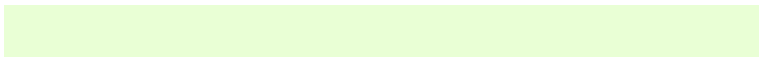
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6439, 97.3952, 77.0793



87.4541, 96.9102, 71.2230



81.4732, 93.6986, 76.7437



19.5160, 21.0674, 19.1821



39.1056, 47.8978, 7.1841



3.8206, 4.6704, 0.7001

Inverse Universe

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



69.5767, 69.1059, 104.2794



64.8786, 63.4152, 103.4286



76.0071, 72.4209, 104.5804



17.0430, 17.3984, 22.7099



9.4885, 3.8020, 49.6683



0.9373, 0.3771, 4.8367

Previews

White Background



This preview shows how the XYZ color 88.6433, 97.3949, 77.0779 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 88.6433, 97.3949, 77.0779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

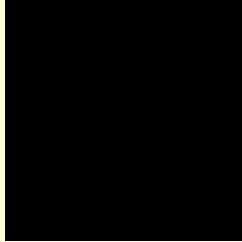
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6433, 97.3949, 77.0779

Background



This preview shows how black text looks on a background with the XYZ color 88.6433, 97.3949, 77.0779.



This preview shows how white text looks on a background with the XYZ color 88.6433, 97.3949,

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

88.6433, 97.3949, 77.0779



Protanopia

92.3795, 97.4125, 99.5215

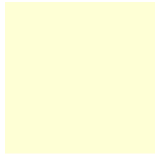
Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

93.4202, 97.2852, 108.4619

Trichromacy



Original Color

88.6433, 97.3949, 77.0779



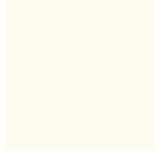
Protanomaly

91.0733, 97.3938, 91.0896



Deuteranomaly

91.3365, 96.9952, 94.0288



Tritanomaly

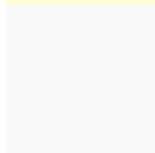
91.4116, 96.9829, 96.3397

Monochromacy



Original Color

88.6433, 97.3949, 77.0779



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 88.6433, 97.3949, 77.0779 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 88.6433, 97.3949, 77.0779 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, 213) }
```


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

```
.border{ border-color:rgb(254, 255, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6433, 97.3949, 77.0779 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, 213) }
```

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

```
.background{ background-color: rgb(254,  
255, 213) }
```

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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