

Converting Colors

XYZ(88.1418, 97.2037, 74.0121)

Have a look what the booklet for
XYZ(88.1418, 97.2037, 74.0121)
contains.

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Color

**XYZ(88.0182, 97.1449,
73.7863)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD0
RGB	254, 255, 208
RGB Percent	100%, 100%, 82%
CMY	0.0039, 0.0000, 0.1843
CMYK	0.00, 0.00, 0.18, 0.00
HSL	61°, 100%, 91%
HSV	61°, 18%, 100%
XYZ	88.0182, 97.1449, 73.7863
YIQ	249.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

Format	Color
R _Y B	208, 255, 209
Decimal	16711632
CIE Lab	98.89, -7.84, 22.41
CIE LCh	99, 23.738, 109.279
Yxy	97.1449, 0.3399, 0.3752
Android (android.graphics.Color)	4294901712 (0xFFFEFFD0)
YUV	249.3430, -20.3821, 4.0842
Hunter-Lab	98.5621, -13.0792, 24.6074

Details

The XYZ color **88.0182, 97.1449, 73.7863** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.9013, 65.8883, 103.7994**, and the grayscale version is **90.4779, 95.1898, 103.6617**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9698, 54.5584, 38.0868** is the 20% darker color. If you saturate the color by 10%, you get **84.9306, 95.8870, 58.5603**, and if you desaturate by 10%, it is **91.6119, 98.6053, 91.6717**.

Distribution



- Red (100%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0182, 97.1449, 73.7863 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 88.0182, 97.1449, 73.7863 by changing the saturation by 10% instead.


 88.0182, 97.1449,
73.7863

 88.0182, 97.1449,
73.7863


509.8973,
551.0091, 492.8792

 66.6690, 73.9215,
54.1234

143.4749,
157.2246, 126.3241

 49.0854, 54.7298,
38.3065


178.3131,
194.8496, 160.0360

 34.9020, 39.1854,
25.9170


218.3783,
238.0439, 199.2681

 23.7536, 26.9040,
16.5363

264.0359,
287.1919, 244.4389

 15.2747, 17.5011,
9.7460

315.6513,
342.6781, 295.9668

 9.0999, 10.5924,
5.1275

373.5897,

 4.8641, 5.7935,

404.8867, 354.2705

2.2622

438.2166,
474.2023, 419.7684

■ 2.2017, 2.7199,
0.7099

■ 0.7436, 0.9873,
0.0000

■ 88.0182, 97.1449,
73.7863

■ 88.0182, 97.1449,
73.7863

■ 84.9306, 95.8870,
58.5603

■ 91.6119, 98.6053,
91.6717

■ 82.3235, 94.8213,
45.8627

95.0500, 100.0000,
108.9000

■ 80.1713, 93.9377,
35.5579

■ 78.4456, 93.2247,
27.4959

■ 77.1146, 92.6697,
21.5097

■ 76.1423, 92.2582,
17.4092

■ 75.4859, 91.9731,
14.9693

■ 75.0856, 91.7905,
13.8748

■ 75.0332, 91.7661,
13.7580

Harmonies

Analogous

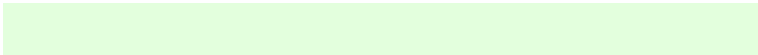
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8254, 97.1449, 72.6370



88.0182, 97.1449, 73.7863



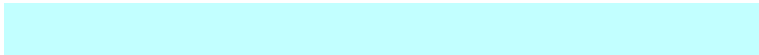
82.6309, 97.1449, 82.8549

Triad

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



88.0182, 97.1449, 73.7863



83.9390, 97.1449, 137.2926



106.0039, 97.1449, 113.0071

Complementary

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



88.0182, 97.1449, 73.7863



66.9013, 65.8883, 103.7994

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.



102.7669, 97.1449, 132.5727



88.0182, 97.1449, 73.7863



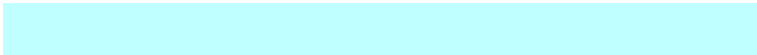
89.8852, 97.1449, 147.7107

Square

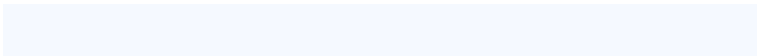
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



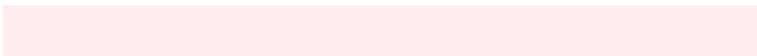
88.0182, 97.1449, 73.7863



80.3583, 97.1449, 118.8335



96.7872, 97.1449, 145.8832



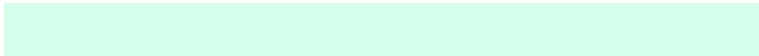
105.4426, 97.1449, 93.7087

Rectangle

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



88.0182, 97.1449, 73.7863



80.4624, 97.1449, 92.8820



96.7872, 97.1449, 145.8832



105.3178, 97.1449, 119.8076

Sweetspot

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



88.0187, 97.1451, 73.7877



92.5640, 98.9918, 96.4333



75.3733, 71.3099, 69.4675



19.7571, 21.1658, 20.3633



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

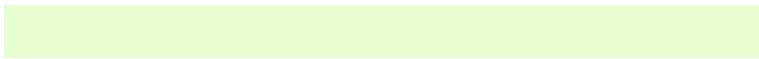
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0187, 97.1451, 73.7877



86.8597, 96.6733, 68.0538



80.0094, 93.0162, 73.4129



19.5208, 21.0699, 19.1824



39.2238, 47.9587, 7.1896



3.8308, 4.6756, 0.7006

Inverse Universe

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



66.9013, 65.8883, 103.7994



62.2947, 60.3130, 102.9660



73.9775, 69.5362, 104.1305



17.0387, 17.3962, 22.7097



9.4824, 3.7988, 49.6681



0.9353, 0.3761, 4.8366

Previews

White Background



This preview shows how the XYZ color 88.0182, 97.1449, 73.7863 looks on a white background.

Color Contrast Check

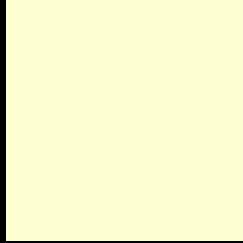
Large Text (above 18pt) WCAG AA × Fail

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 88.0182, 97.1449, 73.7863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

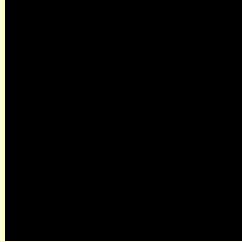
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.0182, 97.1449, 73.7863

Background



This preview shows how black text looks on a background with the XYZ color 88.0182, 97.1449, 73.7863.



This preview shows how white text looks on a background with the XYZ color 88.0182, 97.1449,

73.7863.

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

88.0182, 97.1449, 73.7863



Protanopia

92.2281, 97.3519, 98.7239

Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

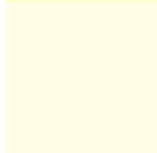
93.4202, 97.2852, 108.4619

Trichromacy



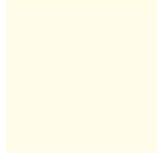
Original Color

88.0182, 97.1449, 73.7863



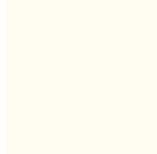
Protanomaly

90.6482, 97.2237, 88.8513



Deuteranomaly

90.9017, 96.8213, 91.7393



Tritanomaly

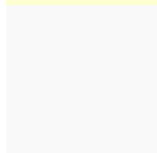
91.1161, 96.8647, 94.7833

Monochromacy



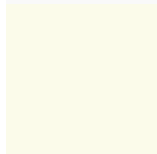
Original Color

88.0182, 97.1449, 73.7863



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.1321, 95.4441, 91.5667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0182, 97.1449, 73.7863 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 88.0182, 97.1449, 73.7863 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, 208) }
```


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

```
.border{ border-color:rgb(254, 255, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0182, 97.1449, 73.7863 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, 208) }
```

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

```
.background{ background-color: rgb(254,  
255, 208) }
```

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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