

Converting Colors

XYZ(88.0849, 97.1636, 74.4984)

Have a look what the booklet for
XYZ(88.0849, 97.1636, 74.4984)
contains.

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Color

**XYZ(88.1417, 97.1943,
74.4364)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD1
RGB	254, 255, 209
RGB Percent	100%, 100%, 82%
CMY	0.0039, 0.0000, 0.1804
CMYK	0.00, 0.00, 0.18, 0.00
HSL	61°, 100%, 91%
HSV	61°, 18%, 100%
XYZ	88.1417, 97.1943, 74.4364
YIQ	249.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

Format	Color
R_{YB}	209, 255, 210
Decimal	16711633
CIE _{Lab}	98.90, -7.69, 21.93
CIE _{LCh}	99, 23.236, 109.336
Yxy	97.1943, 0.3393, 0.3742
Android (android.graphics.Color)	4294901713 (0xFFFEFFD1)
YUV	249.4570, -19.9453, 3.9842
Hunter-Lab	98.5872, -12.9399, 24.2452

Details

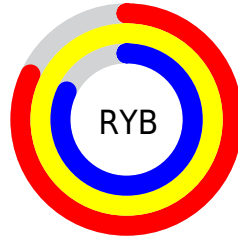
The XYZ color **88.1417, 97.1943, 74.4364** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.4297, 66.5238, 103.8942**, and the grayscale version is **90.5686, 95.2852, 103.7656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0528, 54.5916, 38.5237** is the 20% darker color. If you saturate the color by 10%, you get **85.0305, 95.9265, 59.1083**, and if you desaturate by 10%, it is **91.7599, 98.6651, 92.4286**.

Distribution



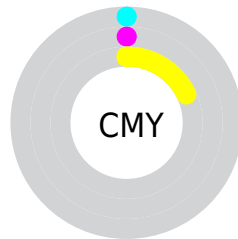
- Red (100%)
- Green (100%)
- Blue (82%)



- 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 88.1417, 97.1943, 74.4364 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 88.1417, 97.1943, 74.4364 by changing the saturation by 10% instead.


 88.1417, 97.1943,
74.4364

 88.1417, 97.1943,
74.4364


510.2956,
551.1662, 495.1818

 66.7716, 73.9626,
54.6523


143.6459,
157.2927, 127.2540

 49.1691, 54.7635,
38.7267


178.5108,
194.9281, 161.1246

 34.9687, 39.2124,
26.2410


218.6046,
238.1337, 200.5278

 23.8052, 26.9250,
16.7766

264.2927,
287.2937, 245.8822

 15.3131, 17.5169,
9.9151

315.9406,
342.7926, 297.6062

 9.1272, 10.6037,
5.2378

373.9134,

 4.8820, 5.8010,

405.0147, 356.1185

2.3263

438.5766,
474.3444, 421.8375

■ 2.2122, 2.7245,
0.7459

■ 0.7492, 0.9896,
0.0000

■ 88.1417, 97.1943,
74.4364

■ 88.1417, 97.1943,
74.4364

■ 85.0305, 95.9265,
59.1083

■ 91.7599, 98.6651,
92.4286

■ 82.4008, 94.8513,
46.3138

95.0500, 100.0000,
108.9000

■ 80.2271, 93.9585,
35.9178

■ 78.4811, 93.2369,
27.7706

■ 77.1311, 92.6738,
21.7063

■ 76.1413, 92.2549,
17.5355

■ 75.4694, 91.9631,
15.0352

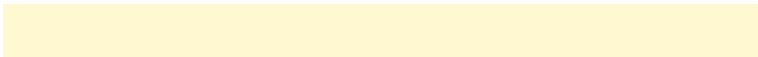
■ 75.0576, 91.7755,
13.9021

■ 74.9914, 91.7445,
13.7560

Harmonies

Analogous

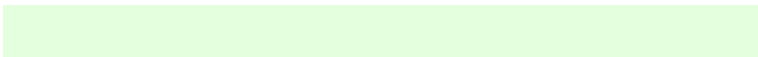
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8073, 97.1943, 73.2898



88.1417, 97.1943, 74.4364



82.8644, 97.1943, 83.3706

Triad

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



88.1417, 97.1943, 74.4364



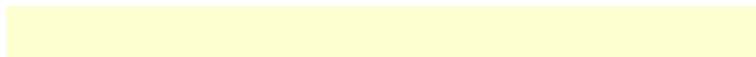
84.1641, 97.1943, 136.6617



105.7561, 97.1943, 112.8695

Complementary

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



88.1417, 97.1943, 74.4364



67.4297, 66.5238, 103.8942

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.



102.5981, 97.1943, 131.9946



88.1417, 97.1943, 74.4364



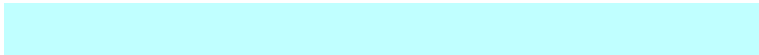
89.9950, 97.1943, 146.8023

Square

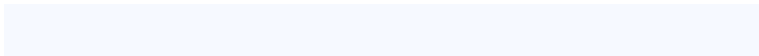
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



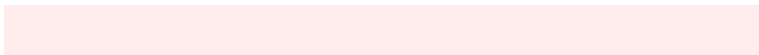
88.1417, 97.1943, 74.4364



80.6466, 97.1943, 118.6426



96.7526, 97.1943, 144.9972



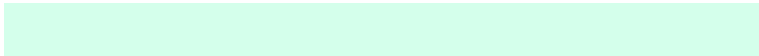
105.2002, 97.1943, 93.9712

Rectangle

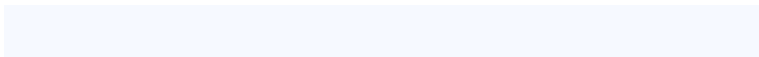
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1417, 97.1943, 74.4364



80.7408, 97.1943, 93.2238



96.7526, 97.1943, 144.9972



105.0878, 97.1943, 119.5201

Sweetspot

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



88.1422, 97.1945, 74.4378



92.9628, 99.1533, 98.4402



75.7384, 71.8426, 70.1981



19.8374, 21.1984, 20.7678



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

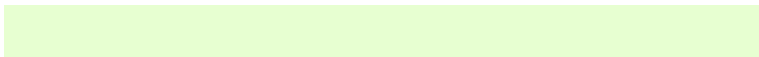
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1422, 97.1945, 74.4378



86.8503, 96.6685, 68.0534



80.2996, 93.1515, 74.0708



19.5199, 21.0694, 19.1823



39.2023, 47.9476, 7.1886



3.8289, 4.6746, 0.7005

Inverse Universe

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



67.4297, 66.5238, 103.8942



62.3015, 60.3165, 102.9664



74.3795, 70.1065, 104.2194



17.0395, 17.3966, 22.7097



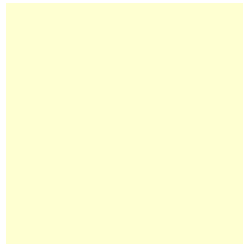
9.4835, 3.7994, 49.6681



0.9356, 0.3763, 4.8366

Previews

White Background



This preview shows how the XYZ color 88.1417, 97.1943, 74.4364 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 88.1417, 97.1943, 74.4364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

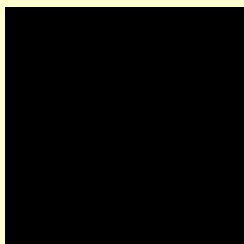
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1417, 97.1943, 74.4364

Background



This preview shows how black text looks on a background with the XYZ color 88.1417, 97.1943, 74.4364.



This preview shows how white text looks on a background with the XYZ color 88.1417, 97.1943,

74.4364.

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

88.1417, 97.1943, 74.4364



Protanopia

92.2281, 97.3519, 98.7239

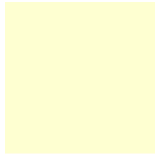
Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

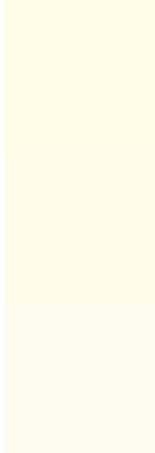
93.4202, 97.2852, 108.4619

Trichromacy



Original Color

88.1417, 97.1943, 74.4364



Protanomaly

90.7891, 97.2801, 89.5931

Deuteranomaly

90.9017, 96.8213, 91.7393

Tritanomaly

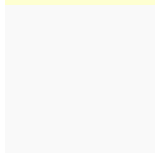
91.1161, 96.8647, 94.7833

Monochromacy



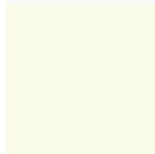
Original Color

88.1417, 97.1943, 74.4364



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 88.1417, 97.1943, 74.4364 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 88.1417, 97.1943, 74.4364 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, 209) }
```


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

```
.border{ border-color:rgb(254, 255, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1417, 97.1943, 74.4364 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, 209) }
```

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

```
.background{ background-color: rgb(254,  
255, 209) }
```

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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