

Converting Colors

XYZ(86.9018, 94.1500, 73.9791)

Have a look what the booklet for
XYZ(86.9018, 94.1500, 73.9791)
contains.

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Color

**XYZ(86.9342, 94.2347,
73.9288)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAD1
RGB	255, 250, 209
RGB Percent	100%, 98%, 82%
CMY	0.0000, 0.0196, 0.1804
CMYK	0.00, 0.02, 0.18, 0.00
HSL	53°, 100%, 91%
HSV	53°, 18%, 100%
XYZ	86.9342, 94.2347, 73.9288
YIQ	246.8210, 16.1410, -11.6910

Conversions

Conversions Part 2

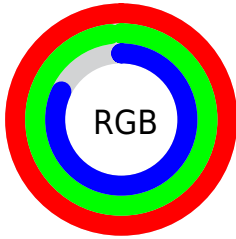
Format	Color
R _Y B	215, 255, 209
Decimal	16775889
CIE Lab	97.73, -4.85, 20.30
CIE LCh	98, 20.867, 103.444
Yxy	94.2347, 0.3408, 0.3694
Android (android.graphics.Color)	4294965969 (0xFFFFFAD1)
YUV	246.8210, -18.6458, 7.1730
Hunter-Lab	97.0746, -10.0265, 22.7989

Details

The XYZ color **86.9342, 94.2347, 73.9288** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.3905, 68.8665, 104.2957**, and the grayscale version is **88.4022, 93.0060, 101.2835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4132, 52.9224, 38.2353** is the 20% darker color. If you saturate the color by 10%, you get **83.1733, 91.3671, 58.3261**, and if you desaturate by 10%, it is **91.2177, 97.3378, 92.2010**.

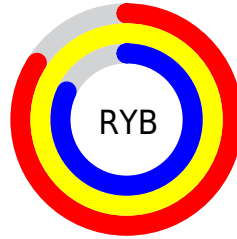
Distribution



Red (100%)

Green (98%)

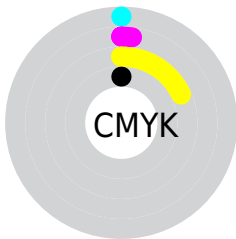
Blue (82%)



Red (84%)

Yellow (100%)

Blue (82%)

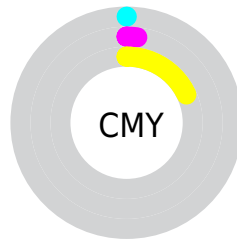


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.9342, 94.2347, 73.9288 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 86.9342, 94.2347, 73.9288 by changing the saturation by 10% instead.


 86.9342, 94.2347,
73.9288

 86.9342, 94.2347,
73.9288

506.3944,
541.7120, 493.3844

 65.7686, 71.4982,
54.2393


141.9726,
153.2069, 126.5280

 48.3516, 52.7488,
38.3986


176.5760,
190.2113, 160.2748

 34.3178, 37.6023,
25.9879


216.3895,
232.7406, 199.5444

 23.3019, 25.6742,
16.5889


261.7783,
281.1790, 244.7555

 14.9385, 16.5801,
9.7830

313.1079,
335.9109, 296.3265

 8.8623, 9.9355,
5.1516

370.7435,

 4.7078, 5.3562,

397.3208, 354.6759

2.2762

435.0506,
465.7931, 420.2224

■ 2.1099, 2.4578,
0.7178

■ 0.6946, 0.8554,
0.0000

■ 86.9342, 94.2347,
73.9288

■ 86.9342, 94.2347,
73.9288

■ 83.1733, 91.3671,
58.3261

■ 91.2177, 97.3378,
92.2010

■ 79.9040, 88.7132,
45.2607

95.0500, 100.0000,
108.9000

■ 77.1027, 86.2665,
34.5977

■ 74.7409, 84.0156,
26.1878

■ 72.7871, 81.9476,
19.8648

■ 71.2052, 80.0483,
15.4396

■ 69.9528, 78.3004,
12.6888

■ 68.9724, 76.6809,
11.3093

■ 68.7959, 76.3718,
11.1153

Harmonies

Analogous

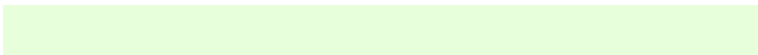
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8664, 94.2347, 74.2995



86.9342, 94.2347, 73.9288



81.9298, 94.2347, 80.6118

Triad

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



86.9342, 94.2347, 73.9288



81.5165, 94.2347, 126.8203



100.9848, 94.2347, 112.2262

Complementary

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



86.9342, 94.2347, 73.9288



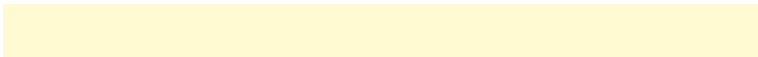
68.3905, 68.8665, 104.2957

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.



97.6652, 94.2347, 128.2749



86.9342, 94.2347, 73.9288



86.3472, 94.2347, 137.3178

Square

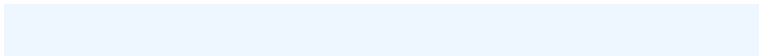
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9342, 94.2347, 73.9288



78.8966, 94.2347, 110.4116



92.2529, 94.2347, 137.8779



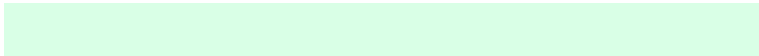
101.1591, 94.2347, 95.1765

Rectangle

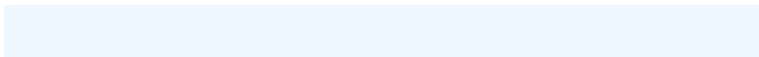
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.9342, 94.2347, 73.9288



79.7204, 94.2347, 88.6458



92.2529, 94.2347, 137.8779



100.1933, 94.2347, 117.9589

Sweetspot

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



86.9365, 94.2388, 73.9308



92.6246, 98.3259, 98.2984



76.2257, 71.7358, 73.6942



19.7549, 20.9965, 20.7331



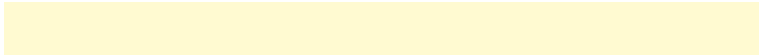
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

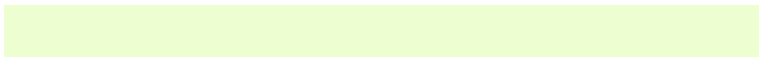
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9365, 94.2388, 73.9308



85.3850, 93.0745, 67.4369



82.3168, 94.1914, 74.1651



19.3829, 20.7339, 19.1248



36.0151, 40.0415, 5.8306



3.5528, 3.9910, 0.5831

Inverse Universe

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



68.3905, 68.8665, 104.2957



63.4056, 63.0064, 103.4274



72.4144, 69.0935, 104.1275



17.1617, 17.6950, 22.7609



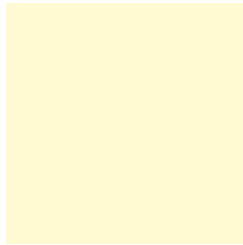
9.6953, 4.3002, 49.7536



0.9934, 0.5176, 4.8608

Previews

White Background



This preview shows how the XYZ color 86.9342, 94.2347, 73.9288 looks on a white background.

Color Contrast Check

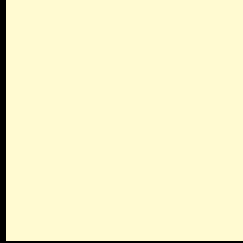
Large Text (above 18pt) WCAG AA × Fail

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 86.9342, 94.2347, 73.9288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

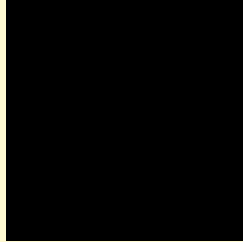
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.9342, 94.2347, 73.9288

Background



This preview shows how black text looks on a background with the XYZ color 86.9342, 94.2347, 73.9288.



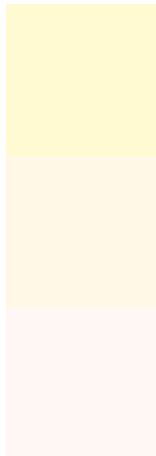
This preview shows how white text looks on a background with the XYZ color 86.9342, 94.2347,

73.9288.

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

86.9342, 94.2347, 73.9288

Protanopia

89.0903, 94.1080, 88.3320

Deuteranopia

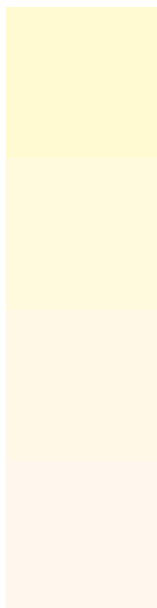
90.6784, 94.2526, 98.2073



Tritanopia

92.2458, 94.3915, 107.9653

Trichromacy



Original Color

86.9342, 94.2347, 73.9288

Protanomaly

88.3005, 94.2853, 82.6522

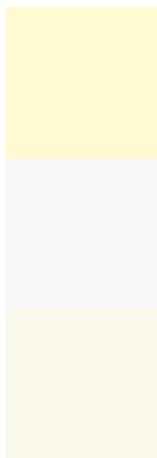
Deuteranomaly

89.2312, 94.1643, 89.0738

Tritanomaly

89.9334, 93.9546, 94.2840

Monochromacy



Original Color

86.9342, 94.2347, 73.9288

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.6997, 93.3420, 90.4853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9342, 94.2347, 73.9288 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, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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(255, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 86.9342, 94.2347, 73.9288 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, 250, 209) }
```


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

```
.border{ border-color:rgb(255, 250, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9342, 94.2347, 73.9288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 209) }
```

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

```
.background{ background-color: rgb(255,  
250, 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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