

Converting Colors

XYZ(104.9489, 97.6227,
72.9672)

Have a look what the booklet for
XYZ(104.9489, 97.6227, 72.9672)
contains.

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Color

**XYZ(82.9094, 86.3824,
71.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDD0
RGB	255, 237, 208
RGB Percent	100%, 93%, 82%
CMY	0.0000, 0.0706, 0.1843
CMYK	0.00, 0.07, 0.18, 0.00
HSL	37°, 100%, 91%
HSV	37°, 18%, 100%
XYZ	82.9094, 86.3824, 71.9782
YIQ	239.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

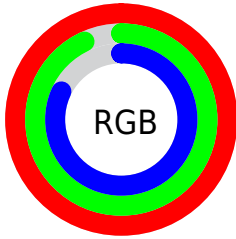
Format	Color
R_{YB}	237, 255, 208
Decimal	16772560
CIE _{Lab}	94.48, 1.55, 16.25
CIE _{LCh}	94, 16.324, 84.544
Yxy	86.3824, 0.3436, 0.3580
Android (android.graphics.Color)	4294962640 (0xFFFFEDD0)
YUV	239.0760, -15.3205, 13.9653
Hunter-Lab	92.9421, -3.4171, 19.1429

Details

The XYZ color **82.9094, 86.3824, 71.9782** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.2582, 75.0206, 105.3325**, and the grayscale version is **82.2096, 86.4909, 94.1886**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6453, 47.3866, 37.3126** is the 20% darker color. If you saturate the color by 10%, you get **77.2711, 79.7294, 55.8451**, and if you desaturate by 10%, it is **89.2100, 93.5523, 90.8228**.

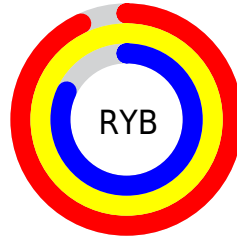
Distribution



Red (100%)

Green (93%)

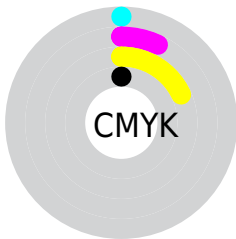
Blue (82%)



Red (93%)

Yellow (100%)

Blue (82%)

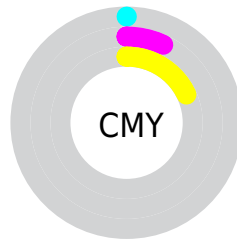


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9094, 86.3824, 71.9782 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 82.9094, 86.3824, 71.9782 by changing the saturation by 10% instead.

 82.9094, 86.3824,
71.9782

 82.9094, 86.3824,
71.9782


493.2730,
516.1913, 486.4412

 62.4321, 64.9842,
52.6541


136.3777,
142.3030, 123.7330

 45.6388, 47.4483,
37.1409


170.0995,
177.5942, 157.0008

 32.1643, 33.3902,
25.0200

208.9667,
218.2852, 195.7535

 21.6432, 22.4255,
15.8728

253.3448,
264.7605, 240.4099

 13.7101, 14.1699,
9.2808

303.5991,
317.4043, 291.3882

 7.9997, 8.2389,
4.8255

360.0951,

 4.1465, 4.2482,

376.6011, 349.1072

2.0883

423.1979,
442.7353, 413.9854

■ 1.7854, 1.8134,
0.6088

■ 0.5088, 0.4955,
0.0000

■ 82.9094, 86.3824,
71.9782

■ 82.9094, 86.3824,
71.9782

■ 77.2711, 79.7294,
55.8451

■ 89.2100, 93.5523,
90.8228

■ 72.2627, 73.5679,
42.2905

95.0500, 100.0000,
108.9000

■ 67.8578, 67.8862,
31.1784

■ 64.0252, 62.6678,
22.3578

■ 60.7306, 57.8947,
15.6610

■ 57.9353, 53.5472,
10.8968

■ 55.5937, 49.6026,
7.8394

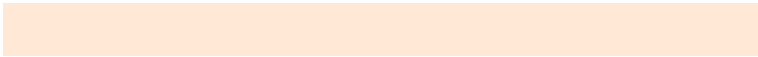
■ 53.6432, 46.0313,
6.1725

■ 53.3596, 45.4992,
5.9699

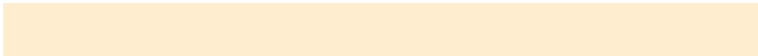
Harmonies

Analogous

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



87.1000, 86.3824, 75.7008



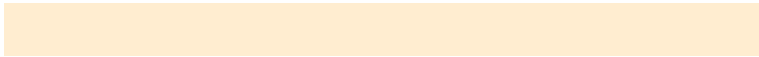
82.9094, 86.3824, 71.9782



78.6461, 86.3824, 73.7286

Triad

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



82.9094, 86.3824, 71.9782



74.6600, 86.3824, 104.4627



89.1757, 86.3824, 108.7925

Complementary

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



82.9094, 86.3824, 71.9782



71.2582, 75.0206, 105.3325

Split Complementary

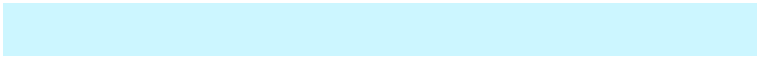
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6615, 86.3824, 117.8127



82.9094, 86.3824, 71.9782



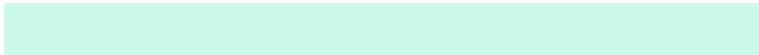
77.3025, 86.3824, 115.1609

Square

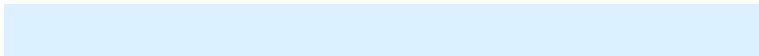
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9094, 86.3824, 71.9782



73.9819, 86.3824, 91.7750



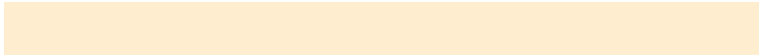
81.3036, 86.3824, 120.2408



90.7996, 86.3824, 96.3740

Rectangle

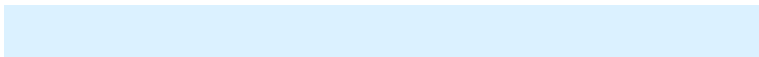
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9094, 86.3824, 71.9782



76.3222, 86.3824, 77.8518



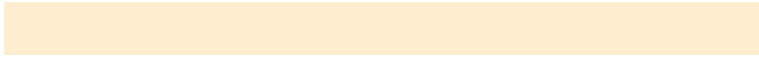
81.3036, 86.3824, 120.2408



88.1704, 86.3824, 112.3652

Sweetspot

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



82.9114, 86.3861, 71.9800



90.8433, 95.3727, 95.8254



77.5263, 71.8646, 81.7495



19.3494, 20.3083, 20.2193



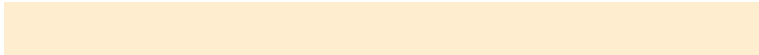
0.0000, 0.0000, 0.0000



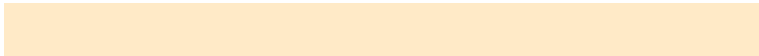
20.3446, 21.4041, 23.3091

Same Dimension

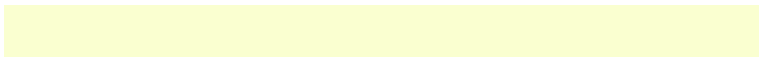
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9114, 86.3861, 71.9800



80.8239, 83.9523, 65.9165



86.3968, 96.3090, 73.7116



18.9429, 19.8540, 18.9781



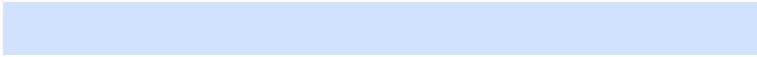
28.0304, 24.0721, 3.1690



2.8349, 2.5553, 0.3438

Inverse Universe

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



71.2582, 75.0206, 105.3325



67.2694, 70.7338, 104.7153



68.1878, 66.5514, 103.8596



17.5731, 18.5178, 22.8980



11.8287, 8.5670, 50.4647



1.2534, 1.0375, 4.9475

Previews

White Background



This preview shows how the XYZ color 82.9094, 86.3824, 71.9782 looks on a white background.

Color Contrast Check

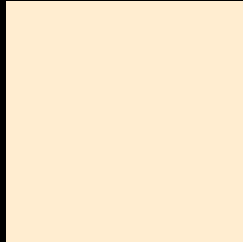
Large Text (above 18pt) WCAG AA × Fail

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 82.9094, 86.3824, 71.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

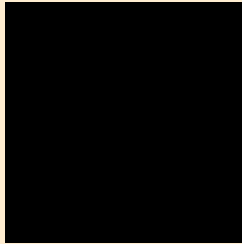
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9094, 86.3824, 71.9782

Background



This preview shows how black text looks on a background with the XYZ color 82.9094, 86.3824, 71.9782.



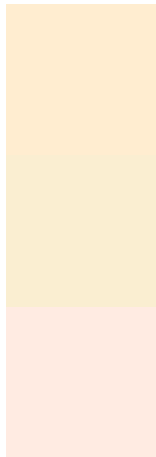
This preview shows how white text looks on a background with the XYZ color 82.9094, 86.3824, 71.9782.

71.9782.

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

82.9094, 86.3824, 71.9782

Protanopia

81.5075, 86.0765, 72.6401

Deuteranopia

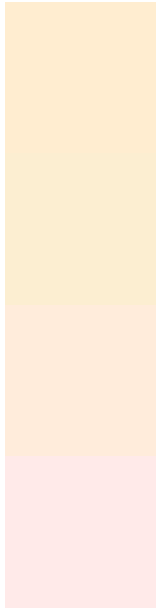
84.6758, 86.1676, 84.1206



Tritanopia

87.1674, 86.2532, 100.0500

Trichromacy



Original Color

82.9094, 86.3824, 71.9782

Protanomaly

82.2280, 86.4480, 72.6738

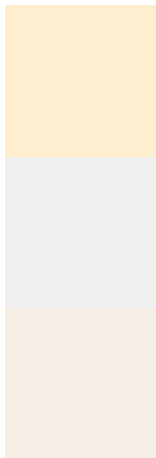
Deuteranomaly

84.0216, 86.3654, 79.2596

Tritanomaly

85.3708, 85.9888, 89.1888

Monochromacy



Original Color

82.9094, 86.3824, 71.9782

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.2343, 86.1630, 85.6957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9094, 86.3824, 71.9782 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, 237, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 208) }
```

Border

The CSS property to change the border of an element to XYZ 82.9094, 86.3824, 71.9782 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, 237, 208) }
```


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

```
.border{ border-color:rgb(255, 237, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9094, 86.3824, 71.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 208) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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