

Converting Colors

XYZ(239.9050, 173.1998,
79.3174)

Have a look what the booklet for
XYZ(239.9050, 173.1998, 79.3174)
contains.

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Color

**XYZ(86.5662, 94.0874,
71.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFACE
RGB	255, 250, 206
RGB Percent	100%, 98%, 81%
CMY	0.0000, 0.0196, 0.1921
CMYK	0.00, 0.02, 0.19, 0.00
HSL	54°, 100%, 90%
HSV	54°, 19%, 100%
XYZ	86.5662, 94.0874, 71.9907
YIQ	246.4790, 17.1040, -12.6240

Conversions

Conversions Part 2

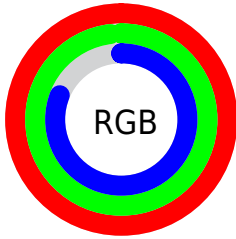
Format	Color
R _Y B	212, 255, 206
Decimal	16775886
CIE Lab	97.67, -5.28, 21.74
CIE LCh	98, 22.375, 103.654
Yxy	94.0874, 0.3426, 0.3724
Android (android.graphics.Color)	4294965966 (0xFFFFFACE)
YUV	246.4790, -19.9561, 7.4729
Hunter-Lab	96.9987, -10.4458, 23.8951

Details

The XYZ color **86.5662, 94.0874, 71.9907** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.7974, 66.9286, 104.0056**, and the grayscale version is **88.1341, 92.7239, 100.9764**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2480, 52.8563, 37.3651** is the 20% darker color. If you saturate the color by 10%, you get **82.9150, 91.3467, 56.7103**, and if you desaturate by 10%, it is **90.7356, 97.0594, 89.9257**.

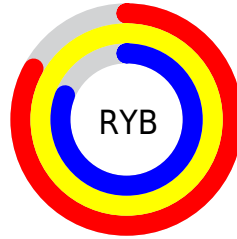
Distribution



Red (100%)

Green (98%)

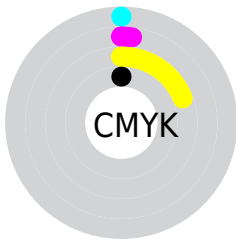
Blue (81%)



Red (83%)

Yellow (100%)

Blue (81%)

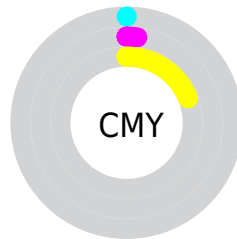


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5662, 94.0874, 71.9907 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 86.5662, 94.0874, 71.9907 by changing the saturation by 10% instead.


 86.5662, 94.0874,
71.9907

 86.5662, 94.0874,
71.9907


505.2023,
541.2392, 486.4859

 65.4631, 71.3757,
52.6643


141.4621,
153.0032, 123.7509

 48.1028, 52.6488,
37.1490


175.9856,
189.9761, 157.0218

 34.1199, 37.5225,
25.0261


215.7134,
232.4714, 195.7779

 23.1490, 25.6123,
15.8773

261.0106,
280.8736, 240.4378

 14.8249, 16.5338,
9.2840

312.2428,
335.5671, 291.4200

 8.7821, 9.9027,
4.8275

369.7752,

 4.6553, 5.3345,

396.9363, 349.1430

2.0895

433.9733,
465.3655, 414.0255

■ 2.0791, 2.4448,
0.6095

■ 0.6778, 0.8488,
0.0000

■ 86.5662, 94.0874,
71.9907

■ 86.5662, 94.0874,
71.9907

■ 82.9150, 91.3467,
56.7103

■ 90.7356, 97.0594,
89.9257

■ 79.7511, 88.8156,
43.9511

95.0500, 100.0000,
108.9000

■ 77.0505, 86.4874,
33.5771

■ 74.7844, 84.3507,
25.4370

■ 72.9208, 82.3925,
19.3625

■ 71.4232, 80.5981,
15.1610

■ 70.2480, 78.9500,
12.6040

■ 69.3298, 77.4221,
11.3474

■ 69.2624, 77.3047,
11.2708

Harmonies

Analogous

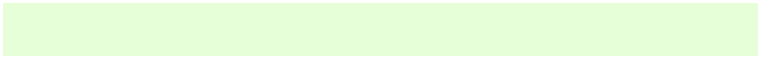
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9201, 94.0874, 72.3286



86.5662, 94.0874, 71.9907



81.2335, 94.0874, 79.0967

Triad

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



86.5662, 94.0874, 71.9907



80.8522, 94.0874, 128.6262



101.7069, 94.0874, 112.6416

Complementary

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



86.5662, 94.0874, 71.9907



66.7974, 66.9286, 104.0056

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.



98.1543, 94.0874, 129.9881



86.5662, 94.0874, 71.9907



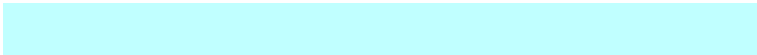
86.0231, 94.0874, 139.9395

Square

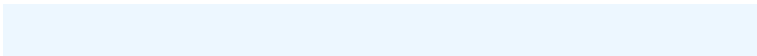
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5662, 94.0874, 71.9907



78.0419, 94.0874, 110.9532



92.3507, 94.0874, 140.4656



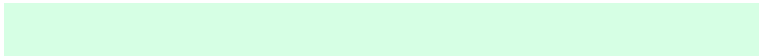
101.8693, 94.0874, 94.3836

Rectangle

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



86.5662, 94.0874, 71.9907



78.8910, 94.0874, 87.6484



92.3507, 94.0874, 140.4656



100.8622, 94.0874, 118.8201

Sweetspot

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



86.5684, 94.0914, 71.9927



92.1882, 98.0626, 96.2737



75.1600, 70.1429, 71.6789



19.6679, 20.9454, 20.3255



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

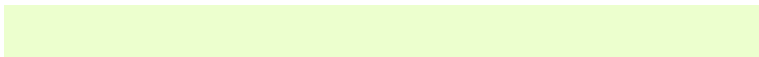
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5684, 94.0914, 71.9927



85.1263, 93.0268, 65.9030



81.5652, 93.8465, 72.2091



19.3937, 20.7556, 19.1284



36.2553, 40.5219, 5.9107



3.5738, 4.0329, 0.5901

Inverse Universe

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



66.7974, 66.9286, 104.0056



62.1036, 61.3977, 103.1855



71.1060, 67.3366, 103.8573



17.1519, 17.6755, 22.7577



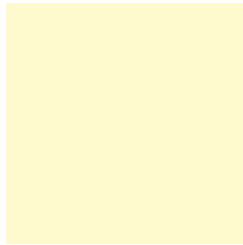
9.6728, 4.2552, 49.7461



0.9888, 0.5084, 4.8593

Previews

White Background



This preview shows how the XYZ color 86.5662, 94.0874, 71.9907 looks on a white background.

Color Contrast Check

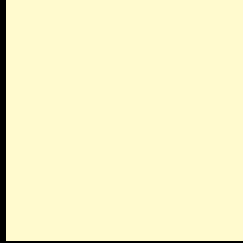
Large Text (above 18pt) WCAG AA × Fail

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 86.5662, 94.0874, 71.9907 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 86.5662, 94.0874, 71.9907

Background



This preview shows how black text looks on a background with the XYZ color 86.5662, 94.0874, 71.9907.

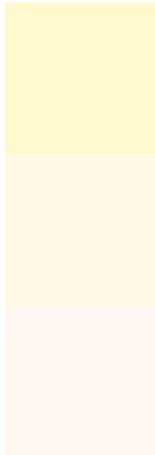


This preview shows how white text looks on a background with the XYZ color 86.5662, 94.0874,

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

86.5662, 94.0874, 71.9907

Protanopia

88.9503, 94.0519, 87.5944

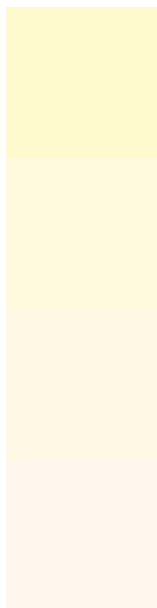
Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

92.2458, 94.3915, 107.9653

Trichromacy



Original Color

86.5662, 94.0874, 71.9907

Protanomaly

88.1668, 94.2318, 81.9483

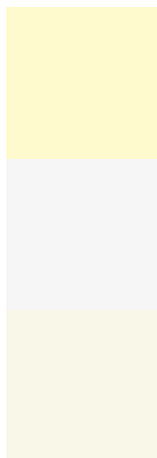
Deuteranomaly

88.9503, 94.0519, 87.5944

Tritanomaly

89.7868, 93.8960, 93.5122

Monochromacy



Original Color

86.5662, 94.0874, 71.9907

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.7515, 92.4308, 88.8699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5662, 94.0874, 71.9907 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 206) }
```

Border

The CSS property to change the border of an element to XYZ 86.5662, 94.0874, 71.9907 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, 206) }
```


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

```
.border{ border-color:rgb(255, 250, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5662, 94.0874, 71.9907 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
250, 206) }
```

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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