

Converting Colors

XYZ(81.0753, 86.0341, 74.2903)

Have a look what the booklet for
XYZ(81.0753, 86.0341, 74.2903)
contains.

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Color

**XYZ(81.4616, 86.4429,
74.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EFD4
RGB	248, 239, 212
RGB Percent	97%, 94%, 83%
CMY	0.0274, 0.0627, 0.1686
CMYK	0.00, 0.04, 0.15, 0.03
HSL	45°, 72%, 90%
HSV	45°, 15%, 97%
XYZ	81.4616, 86.4429, 74.6790
YIQ	238.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

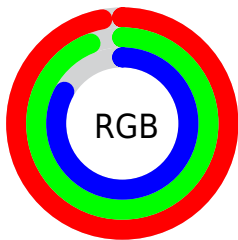
Format	Color
RYB	224, 248, 212
Decimal	16314324
CIELab	94.50, -1.36, 14.14
CIELCh	95, 14.207, 95.477
Yxy	86.4429, 0.3358, 0.3563
Android (android.graphics.Color)	4294504404 (0xFFF8EFD4)
YUV	238.6130, -13.1202, 8.2324
Hunter-Lab	92.9747, -6.3094, 17.4594

Details

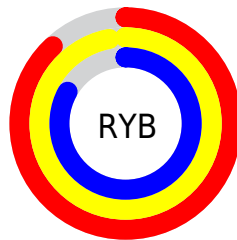
The XYZ color **81.4616, 86.4429, 74.6790** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.9510, 72.4860, 99.1122**, and the grayscale version is **81.8363, 86.0981, 93.7609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5051, 47.3777, 38.6974** is the 20% darker color. If you saturate the color by 10%, you get **76.7880, 81.7230, 58.8540**, and if you desaturate by 10%, it is **86.6827, 91.4871, 93.0592**.

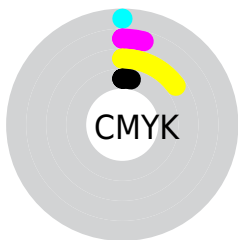
Distribution



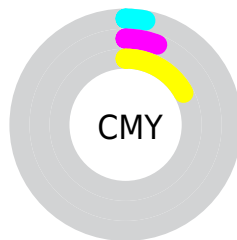
- Red (97%)
- Green (94%)
- Blue (83%)



- Red (88%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4616, 86.4429, 74.6790 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 81.4616, 86.4429, 74.6790 by changing the saturation by 10% instead.

 81.4616, 86.4429,
74.6790

 81.4616, 86.4429,
74.6790


488.5068,
516.3905, 496.0395

 61.2344, 65.0343,
54.8498


134.3585,
142.3874, 127.6008

 44.6677, 47.4889,
38.8837


167.7589,
177.6920, 161.5305

 31.3959, 33.4223,
26.3621


206.2812,
218.3975, 200.9974

 21.0538, 22.4501,
16.8666

250.2906,
264.8881, 246.4201

 13.2760, 14.1880,
9.9784

300.1525,
317.5483, 298.2171

 7.6972, 8.2516,
5.2792

356.2322,

 3.9520, 4.2563,

376.7626, 356.8070

2.3504

418.8952,
442.9151, 422.6082

■ 1.6750, 1.8180,
0.7593

■ 0.4405, 0.4983,
0.0000

■ 81.4616, 86.4429,
74.6790

■ 81.4616, 86.4429,
74.6790

■ 76.7880, 81.7230,
58.8540

■ 86.6827, 91.4871,
93.0592

■ 72.6323, 77.3060,
45.4633

■ 91.3839, 96.4209,
108.4024

■ 68.9729, 73.1850,
34.3846

■ 92.5218, 98.6967,
108.7817

■ 65.7833, 69.3485,
25.4827

■ 63.0346, 65.7838,
18.6081

■ 60.6942, 62.4770,
13.5925

■ 58.7244, 59.4117,
10.2403

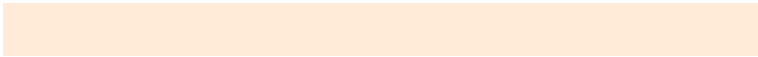
■ 57.0790, 56.5686,
8.3118

■ 56.2777, 55.0885,
7.6670

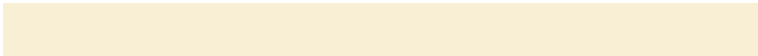
Harmonies

Analogous

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



85.2509, 86.4429, 76.2351



81.4616, 86.4429, 74.6790



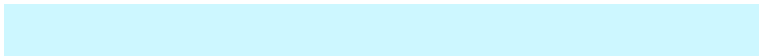
77.9678, 86.4429, 77.9949

Triad

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



81.4616, 86.4429, 74.6790



76.3184, 86.4429, 106.8787



89.0336, 86.4429, 103.1343

Complementary

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



81.4616, 86.4429, 74.6790



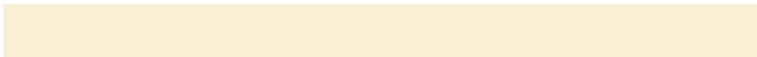
69.9510, 72.4860, 99.1122

Split Complementary

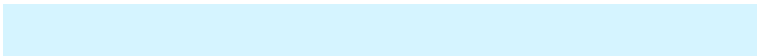
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5028, 86.4429, 112.3309



81.4616, 86.4429, 74.6790



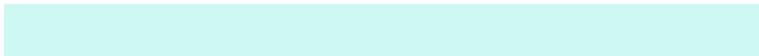
79.1475, 86.4429, 114.6075

Square

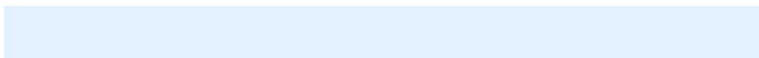
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4616, 86.4429, 74.6790



75.0579, 86.4429, 96.1458



82.8652, 86.4429, 116.6760



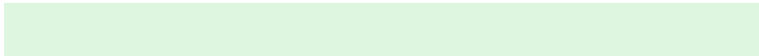
89.6995, 86.4429, 92.1261

Rectangle

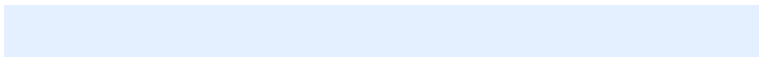
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4616, 86.4429, 74.6790



76.2515, 86.4429, 82.6856



82.8652, 86.4429, 116.6760



88.3690, 86.4429, 106.5662

Sweetspot

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



81.4639, 86.4467, 74.6808



92.6432, 97.7450, 100.2101



75.3071, 72.2651, 78.3872



19.7349, 20.8320, 21.1102



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

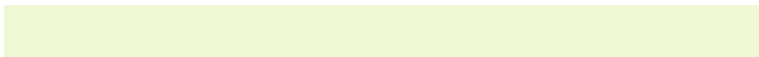
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4639, 86.4467, 74.6808



85.4809, 90.7985, 75.0767



81.0487, 90.2400, 75.4349



18.3386, 19.4131, 18.2429



30.5181, 29.9928, 4.1807



2.9102, 2.9453, 0.4151

Inverse Universe

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



69.9510, 72.4860, 99.1122



71.3500, 73.6639, 105.0658



70.3067, 69.2377, 98.4664



16.6354, 17.3476, 21.8569



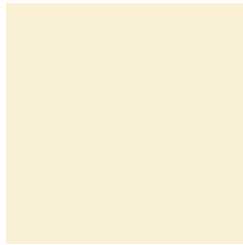
10.1753, 5.7062, 48.5387



1.0227, 0.6890, 4.5223

Previews

White Background



This preview shows how the XYZ color 81.4616, 86.4429, 74.6790 looks on a white background.

Color Contrast Check

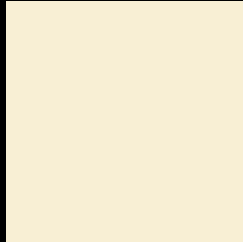
Large Text (above 18pt) WCAG AA × Fail

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 81.4616, 86.4429, 74.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

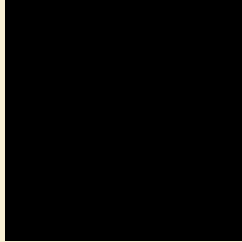
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

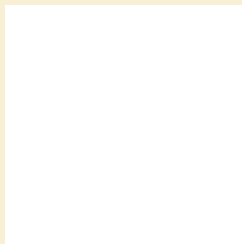
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4616, 86.4429, 74.6790

Background



This preview shows how black text looks on a background with the XYZ color 81.4616, 86.4429, 74.6790.



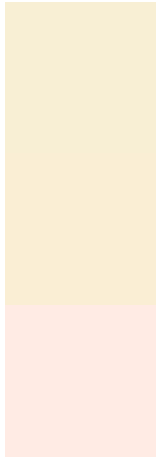
This preview shows how white text looks on a background with the XYZ color 81.4616, 86.4429,

74.6790.

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

81.4616, 86.4429, 74.6790

Protanopia

81.8825, 86.2265, 74.6151

Deuteranopia

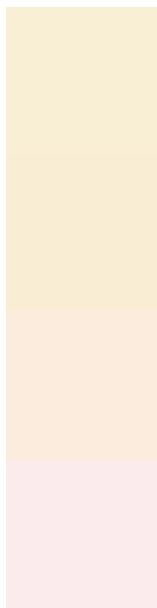
84.9519, 86.2781, 85.5747



Tritanopia

87.2176, 86.1887, 104.1347

Trichromacy



Original Color

81.4616, 86.4429, 74.6790

Protanomaly

81.5251, 86.0423, 74.5983

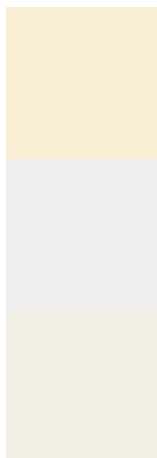
Deuteranomaly

83.3252, 85.9603, 81.3075

Tritanomaly

84.7781, 86.0403, 92.2599

Monochromacy



Original Color

81.4616, 86.4429, 74.6790

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.6273, 86.2674, 86.4778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4616, 86.4429, 74.6790 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(248, 239, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 212)  
}
```

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(248, 239, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 212) }
```

Border

The CSS property to change the border of an element to XYZ 81.4616, 86.4429, 74.6790 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(248, 239, 212) }
```


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

```
.border{ border-color:rgb(248, 239, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4616, 86.4429, 74.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 212) }
```

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

```
.background{ background-color: rgb(248,  
239, 212) }
```

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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