

Converting Colors

XYZ(82.3093, 85.9984, 71.0468)

Have a look what the booklet for
XYZ(82.3093, 85.9984, 71.0468)
contains.

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Color

**XYZ(82.4197, 86.1442,
71.3150)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEEDCF |
| RGB | 254, 237, 207 |
| RGB Percent | 100%, 93%, 81% |
| CMY | 0.0039, 0.0706, 0.1882 |
| CMYK | 0.00, 0.07, 0.19, 0.00 |
| HSL | 38°, 96%, 90% |
| HSV | 38°, 19%, 100% |
| XYZ | 82.4197, 86.1442, 71.3150 |
| YIQ | 238.6630, 19.7620, -5.7260 |

Conversions

Conversions Part 2

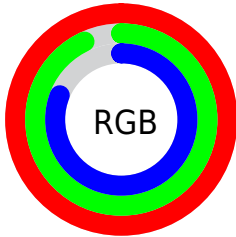
| Format | Color |
|-------------------------------------|--|
| RYB | 234, 254, 207 |
| Decimal | 16707023 |
| CIELab | 94.37, 1.05, 16.61 |
| CIELCh | 94, 16.645, 86.391 |
| Yxy | 86.1442, 0.3436, 0.3591 |
| Android (android.graphics.Color) | 4294897103 (0xFFFEEDCF) |
| YUV | 238.6630, -15.6099, 13.4505 |
| Hunter-Lab | 92.8139, -3.9145, 19.4133 |

Details

The XYZ color **82.4197, 86.1442, 71.3150** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.2768, 73.7307, 104.2939**, and the grayscale version is **81.8907, 86.1554, 93.8233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2996, 47.2180, 36.8634** is the 20% darker color. If you saturate the color by 10%, you get **76.9701, 79.8207, 55.3907**, and if you desaturate by 10%, it is **88.5098, 92.9476, 89.9193**.

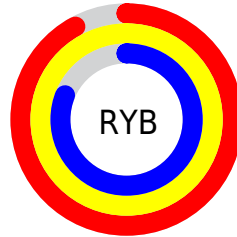
Distribution



Red (100%)

Green (93%)

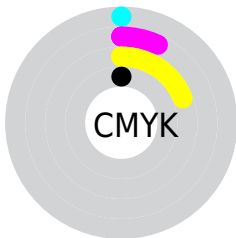
Blue (81%)



Red (92%)

Yellow (100%)

Blue (81%)

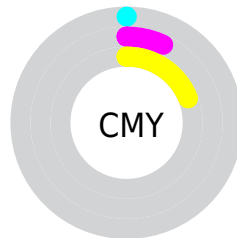


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4197, 86.1442, 71.3150 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 82.4197, 86.1442, 71.3150 by changing the saturation by 10% instead.


 82.4197, 86.1442,
71.3150

 82.4197, 86.1442,
71.3150


491.6637,
515.4066, 484.0671

 62.0268, 64.7872,
52.1159


135.6952,
141.9707, 122.7808

 45.3101, 47.2886,
36.7146


169.3085,
177.2090, 155.8845

 31.9040, 33.2638,
24.6925


208.0593,
217.8432, 194.4602

 21.4434, 22.3286,
15.6312

252.3130,
264.2577, 238.9265

 13.5628, 14.0986,
9.1120

302.4349,
316.8369, 289.7017

 7.8969, 8.1893,
4.7165

358.7905,

 4.0803, 4.2163,

375.9652, 347.2046

2.0261

421.7449,
442.0269, 411.8535

■ 1.7477, 1.7953,
0.5713

■ 0.4858, 0.4842,
0.0000

■ 82.4197, 86.1442,
71.3150

■ 82.4197, 86.1442,
71.3150

■ 76.9701, 79.8207,
55.3907

■ 88.5098, 92.9476,
89.9193

■ 72.1282, 73.9521,
42.0148

94.6833, 99.8109,
108.8828

■ 67.8683, 68.5278,
31.0525

■ 64.1603, 63.5322,
22.3544

■ 60.9705, 58.9485,
15.7544

■ 58.2608, 54.7578,
11.0632

■ 55.9866, 50.9387,
8.0568

■ 54.0857, 47.4626,
6.4197

■ 53.8211, 46.9667,
6.2288

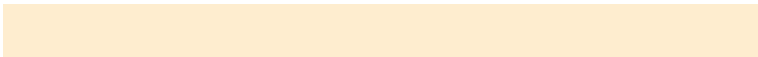
Harmonies

Analogous

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



86.7271, 86.1442, 74.7557



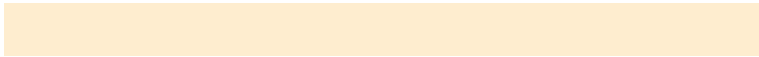
82.4197, 86.1442, 71.3150



78.1167, 86.1442, 73.4316

Triad

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



82.4197, 86.1442, 71.3150



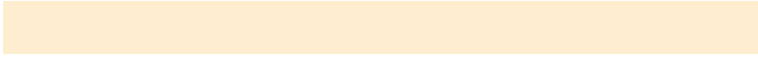
74.4180, 86.1442, 105.1669



89.2452, 86.1442, 108.0901

Complementary

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



82.4197, 86.1442, 71.3150



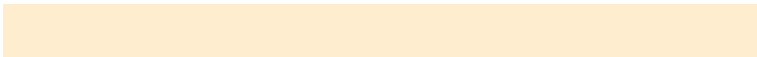
70.2768, 73.7307, 104.2939

Split Complementary

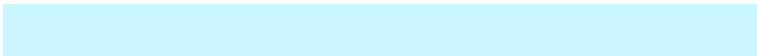
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7570, 86.1442, 117.6160



82.4197, 86.1442, 71.3150



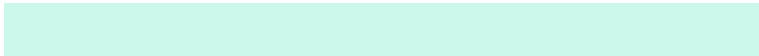
77.2121, 86.1442, 115.8234

Square

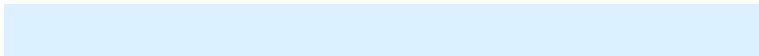
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4197, 86.1442, 71.3150



73.5967, 86.1442, 92.2554



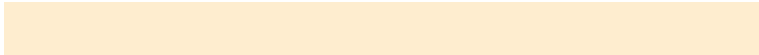
81.3376, 86.1442, 120.5661



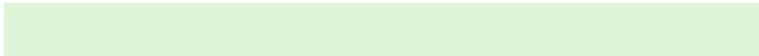
90.7572, 86.1442, 95.3544

Rectangle

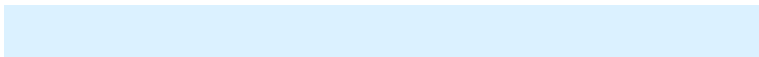
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4197, 86.1442, 71.3150



75.8114, 86.1442, 77.8241



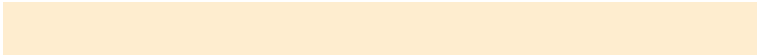
81.3376, 86.1442, 120.5661



88.2588, 86.1442, 111.8170

Sweetspot

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



82.4220, 86.1480, 71.3168



90.9440, 95.5743, 95.8590



76.6730, 71.0921, 80.3691



19.3732, 20.3560, 20.2273



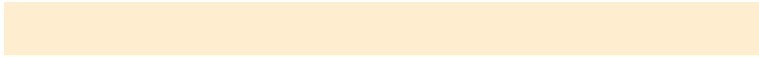
0.0000, 0.0000, 0.0000



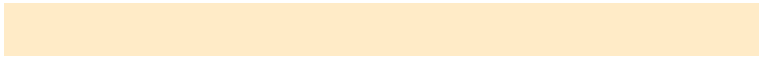
20.3446, 21.4041, 23.3091

Same Dimension

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



82.4220, 86.1480, 71.3168



81.1639, 84.6323, 66.0298



85.3219, 95.2970, 72.9299



18.9765, 19.9211, 18.9893



28.5201, 25.0514, 3.3322



2.8807, 2.6467, 0.3590

Inverse Universe

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



70.2768, 73.7307, 104.2939



66.9565, 70.1082, 104.6110



67.7213, 65.9687, 102.9304



17.5406, 18.4529, 22.8872



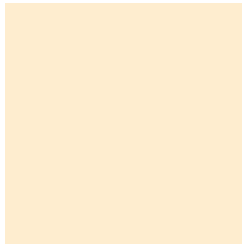
11.5691, 8.0479, 50.3782



1.2257, 0.9822, 4.9382

Previews

White Background



This preview shows how the XYZ color 82.4197, 86.1442, 71.3150 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 82.4197, 86.1442, 71.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

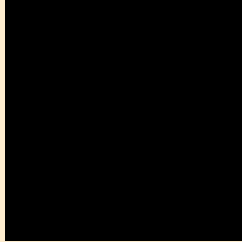
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.4197, 86.1442, 71.3150

Background



This preview shows how black text looks on a background with the XYZ color 82.4197, 86.1442, 71.3150.



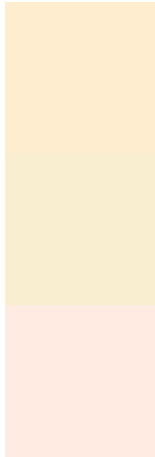
This preview shows how white text looks on a background with the XYZ color 82.4197, 86.1442,

71.3150.

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

82.4197, 86.1442, 71.3150

Protanopia

81.3840, 86.0271, 71.9900

Deuteranopia

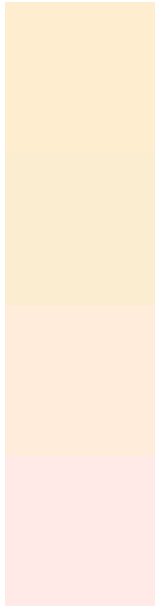
84.6758, 86.1676, 84.1206



Tritanopia

87.1674, 86.2532, 100.0500

Trichromacy



Original Color

82.4197, 86.1442, 71.3150

Protanomaly

81.7434, 86.2124, 72.0068

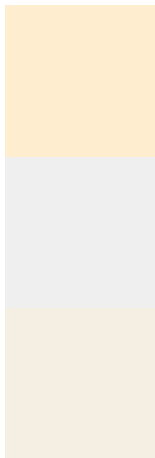
Deuteranomaly

84.0216, 86.3654, 79.2596

Tritanomaly

85.2283, 85.9318, 88.4384

Monochromacy



Original Color

82.4197, 86.1442, 71.3150

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7479, 85.9282, 84.9503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4197, 86.1442, 71.3150 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, 237, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 207)  
}
```

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, 237, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 207) }
```

Border

The CSS property to change the border of an element to XYZ 82.4197, 86.1442, 71.3150 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, 237, 207) }
```


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

```
.border{ border-color:rgb(254, 237, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4197, 86.1442, 71.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 207) }
```

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

```
.background{ background-color: rgb(254,  
237, 207) }
```

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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