

Converting Colors

XYZ(81.0790, 82.9489, 74.4309)

Have a look what the booklet for
XYZ(81.0790, 82.9489, 74.4309)
contains.

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Color

**XYZ(81.0942, 82.8386,
74.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE7D5
RGB	253, 231, 213
RGB Percent	99%, 91%, 84%
CMY	0.0078, 0.0941, 0.1647
CMYK	0.00, 0.09, 0.16, 0.01
HSL	27°, 91%, 91%
HSV	27°, 16%, 99%
XYZ	81.0942, 82.8386, 74.6661
YIQ	235.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

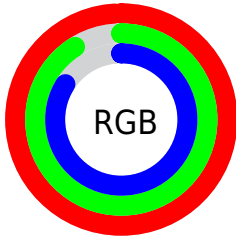
Format	Color
R _Y B	253, 246, 213
Decimal	16639957
CIE Lab	92.94, 4.64, 11.47
CIE LCh	93, 12.371, 67.957
Yxy	82.8386, 0.3399, 0.3472
Android (android.graphics.Color)	4294830037 (0xFFFDE7D5)
YUV	235.5260, -11.1053, 15.3247
Hunter-Lab	91.0157, -0.2356, 15.0716

Details

The XYZ color **81.0942, 82.8386, 74.6661** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8781, 80.6529, 104.5503**, and the grayscale version is **79.4405, 83.5776, 91.0160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2665, 44.8643, 38.6743** is the 20% darker color. If you saturate the color by 10%, you get **74.3904, 74.1751, 57.8049**, and if you desaturate by 10%, it is **88.6130, 92.3289, 94.2725**.

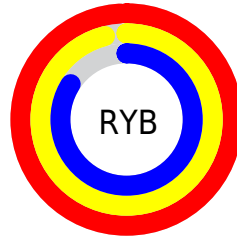
Distribution



Red (99%)

Green (91%)

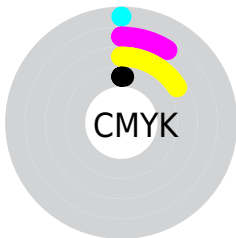
Blue (84%)



Red (99%)

Yellow (96%)

Blue (84%)

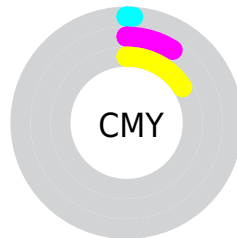


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0942, 82.8386, 74.6661 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 81.0942, 82.8386, 74.6661 by changing the saturation by 10% instead.


 81.0942, 82.8386,
74.6661

 81.0942, 82.8386,
74.6661


487.2933,
504.4485, 495.9939

 60.9307, 62.0570,
54.8393


133.8455,
137.3494, 127.5823

 44.4216, 45.0788,
38.8753


167.1640,
171.8474, 161.5089

 31.2014, 31.5195,
26.3557


205.5983,
211.6863, 200.9724

 20.9049, 20.9947,
16.8618

249.5137,
257.2505, 246.3915

 13.1665, 13.1202,
9.9751

299.2755,
308.9244, 298.1846

 7.6211, 7.5113,
5.2770

355.2492,

 3.9032, 3.7839,

367.0925, 356.7704

2.3491

417.8000,
432.1390, 422.5673

■ 1.6475, 1.5534,
0.7586

■ 0.4231, 0.3259,
0.0000

■ 81.0942, 82.8386,
74.6661

■ 81.0942, 82.8386,
74.6661

■ 74.3904, 74.1751,
57.8049

■ 88.6130, 92.3289,
94.2725

■ 68.4647, 66.3037,
43.5593

■ 94.3183, 99.6228,
108.8658

■ 63.2868, 59.2034,
31.7969

■ 58.8217, 52.8478,
22.3717

■ 55.0313, 47.2088,
15.1221

■ 51.8731, 42.2559,
9.8655

■ 49.2982, 37.9555,
6.3890

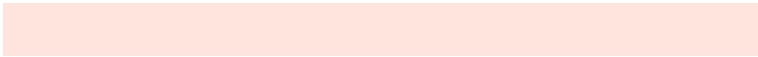
■ 47.2481, 34.2694,
4.4290

■ 46.5122, 32.8906,
3.8971

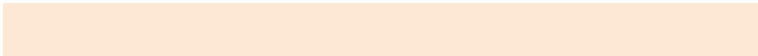
Harmonies

Analogous

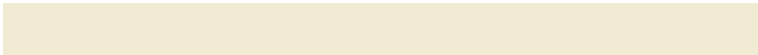
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7447, 82.8386, 79.6736



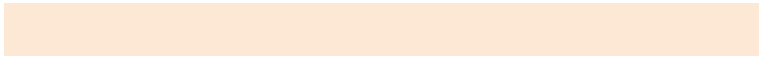
81.0942, 82.8386, 74.6661



77.8773, 82.8386, 73.6733

Triad

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



81.0942, 82.8386, 74.6661



72.7321, 82.8386, 92.6868



82.6254, 82.8386, 104.9914

Complementary

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



81.0942, 82.8386, 74.6661



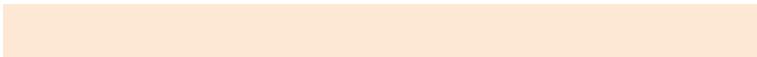
74.8781, 80.6529, 104.5503

Split Complementary

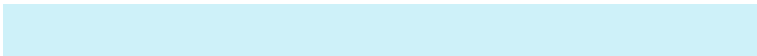
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6002, 82.8386, 109.0236



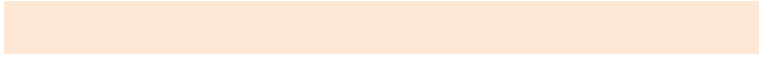
81.0942, 82.8386, 74.6661



73.9303, 82.8386, 101.6088

Square

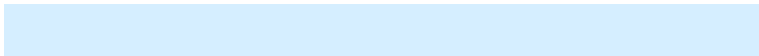
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0942, 82.8386, 74.6661



73.1074, 82.8386, 83.6726



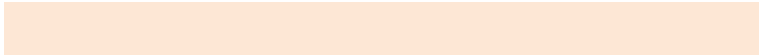
76.4232, 82.8386, 107.7451



84.6455, 82.8386, 97.0523

Rectangle

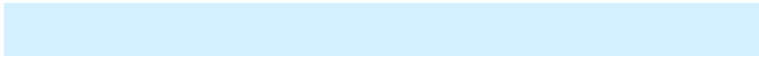
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0942, 82.8386, 74.6661



75.8542, 82.8386, 75.3533



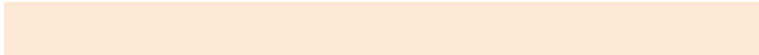
76.4232, 82.8386, 107.7451



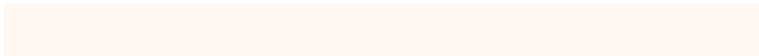
81.6891, 82.8386, 106.8726

Sweetspot

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



81.0964, 82.8423, 74.6679



90.8686, 94.8139, 97.7130



79.2986, 74.4704, 88.7930



19.3275, 20.1418, 20.5907



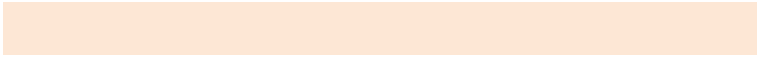
0.0000, 0.0000, 0.0000



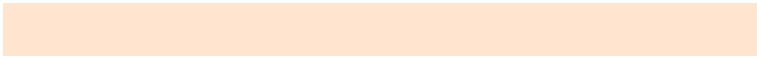
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0964, 82.8423, 74.6679



80.2896, 81.4272, 70.2288



87.0163, 94.6819, 76.6411



18.6826, 19.3334, 18.8914



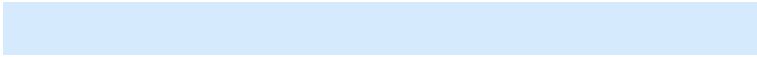
24.8834, 17.7781, 2.1200



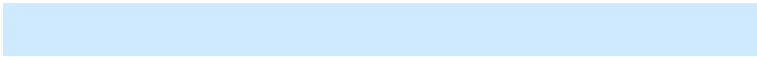
2.5301, 1.9455, 0.2422

Inverse Universe

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



74.8781, 80.6529, 104.5503



72.8498, 78.8071, 105.9794



69.4717, 69.8400, 102.7482



17.8311, 19.0337, 22.9840



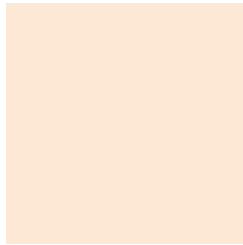
14.4998, 13.9093, 51.3551



1.5210, 1.5726, 5.0367

Previews

White Background



This preview shows how the XYZ color 81.0942, 82.8386, 74.6661 looks on a white background.

Color Contrast Check

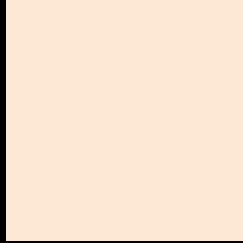
Large Text (above 18pt) WCAG AA × Fail

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 81.0942, 82.8386, 74.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

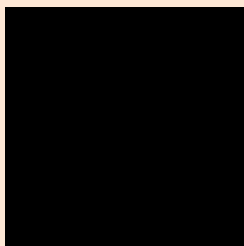
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0942, 82.8386, 74.6661

Background



This preview shows how black text looks on a background with the XYZ color 81.0942, 82.8386, 74.6661.



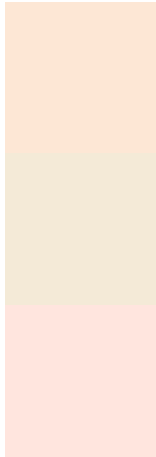
This preview shows how white text looks on a background with the XYZ color 81.0942, 82.8386,

74.6661.

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

81.0942, 82.8386, 74.6661

Protanopia

78.9968, 82.9850, 76.1441

Deuteranopia

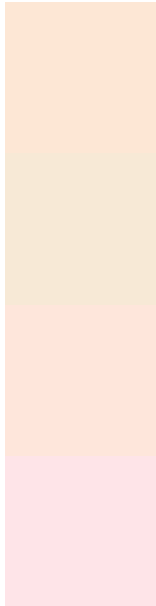
82.4441, 82.5725, 80.7001



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

81.0942, 82.8386, 74.6661

Protanomaly

79.6343, 82.9070, 75.4238

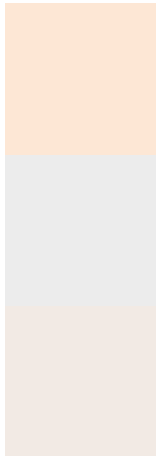
Deuteranomaly

81.9560, 82.7789, 78.6762

Tritanomaly

83.1819, 82.3838, 87.8614

Monochromacy



Original Color

81.0942, 82.8386, 74.6661

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.0444, 83.3243, 85.2632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0942, 82.8386, 74.6661 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(253, 231, 213) looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 213)  
}
```

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(253, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 81.0942, 82.8386, 74.6661 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(253, 231, 213) }
```


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

```
.border{ border-color:rgb(253, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0942, 82.8386, 74.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 213) }
```

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

```
.background{ background-color: rgb(253,  
231, 213) }
```

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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