

Converting Colors

XYZ(83.2455, 83.5642, 82.8514)

Have a look what the booklet for
XYZ(83.2455, 83.5642, 82.8514)
contains.

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Color

**XYZ(83.4065, 83.8481,
83.0225)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFE7E1 |
| RGB | 255, 231, 225 |
| RGB Percent | 100%, 91%, 88% |
| CMY | 0.0000, 0.0941, 0.1176 |
| CMYK | 0.00, 0.09, 0.12, 0.00 |
| HSL | 12°, 100%, 94% |
| HSV | 12°, 12%, 100% |
| XYZ | 83.4065, 83.8481, 83.0225 |
| YIQ | 237.4920, 16.2300, 3.2220 |

Conversions

Conversions Part 2

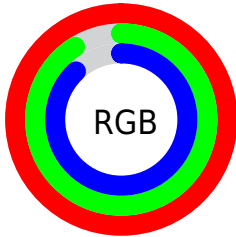
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 233, 225 |
| Decimal | 16771041 |
| CIE Lab | 93.38, 7.21, 5.88 |
| CIE LCh | 93, 9.301, 39.198 |
| Yxy | 83.8481, 0.3333, 0.3350 |
| Android (android.graphics.Color) | 4294961121 (0xFFFFE7E1) |
| YUV | 237.4920, -6.1586, 15.3545 |
| Hunter-Lab | 91.5686, 2.3441, 10.3416 |

Details

The XYZ color **83.4065, 83.8481, 83.0225** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9762, 90.9764, 107.7946**, and the grayscale version is **80.9145, 85.1283, 92.7048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8744, 45.5680, 44.4079** is the 20% darker color. If you saturate the color by 10%, you get **74.8047, 71.8020, 64.2553**, and if you desaturate by 10%, it is **93.1970, 97.4395, 104.7512**.

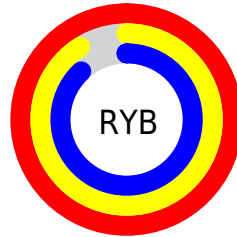
Distribution



Red (100%)

Green (91%)

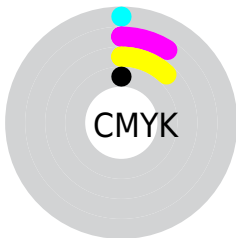
Blue (88%)



Red (100%)

Yellow (91%)

Blue (88%)

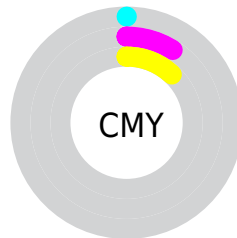


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4065, 83.8481, 83.0225 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 83.4065, 83.8481, 83.0225 by changing the saturation by 10% instead.


 83.4065, 83.8481,
83.0225

 83.4065, 83.8481,
83.0225


494.9037,
507.8087, 525.0345

 62.8436, 62.8900,
61.6680

137.0702,
138.7627, 139.4565

 45.9729, 45.7523,
44.3304


170.9018,
173.4880, 175.3731

 32.4289, 32.0504,
30.5913


209.8869,
213.5711, 216.9807

 21.8465, 21.4000,
20.0320

254.3909,
259.3965, 264.6980

 13.8601, 13.4167,
12.2340

304.7793,
311.3486, 318.9435

 8.1045, 7.7161,
6.7788

361.4173,

 4.2142, 3.9138,

369.8117, 380.1357

3.2478

424.6703,
435.1703, 448.6932

■ 1.8240, 1.6255,
1.2225

■ 0.5321, 0.3747,
0.0000

■ 83.4065, 83.8481,
83.0225

■ 83.4065, 83.8481,
83.0225

■ 74.8047, 71.8020,
64.2553

■ 93.1970, 97.4395,
104.7512

■ 67.3401, 61.2359,
48.3158

95.0500, 100.0000,
108.9000

■ 60.9658, 52.0955,
35.0678

■ 55.6297, 44.3190,
24.3619

■ 51.2749, 37.8400,
16.0337

■ 47.8391, 32.5866,
9.8996

■ 45.2521, 28.4793,
5.7489

■ 43.4328, 25.4290,
3.3287

■ 42.4256, 23.6313,
2.3252

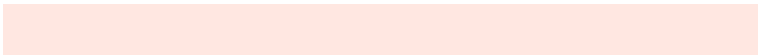
Harmonies

Analogous

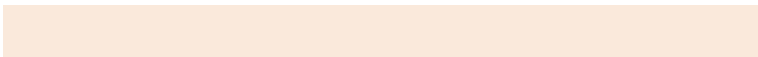
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4424, 83.8481, 89.1541



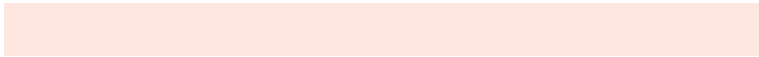
83.4065, 83.8481, 83.0225



81.3819, 83.8481, 79.2420

Triad

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



83.4065, 83.8481, 83.0225



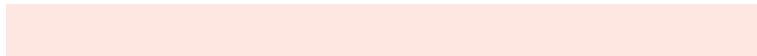
75.3667, 83.8481, 86.5826



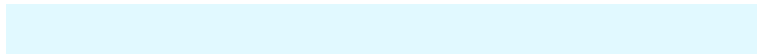
80.4514, 83.8481, 105.2905

Complementary

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



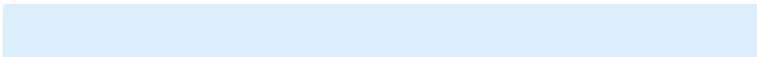
83.4065, 83.8481, 83.0225



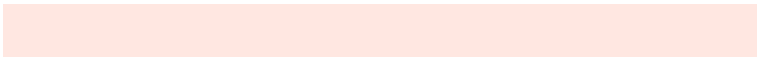
82.9762, 90.9764, 107.7946

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.



78.0318, 83.8481, 104.5150



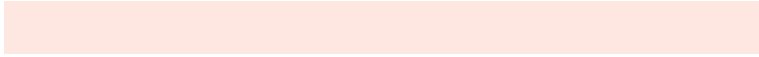
83.4065, 83.8481, 83.0225



75.1292, 83.8481, 93.4726

Square

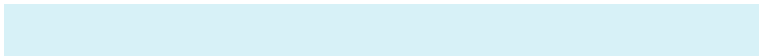
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4065, 83.8481, 83.0225



76.7512, 83.8481, 81.2230



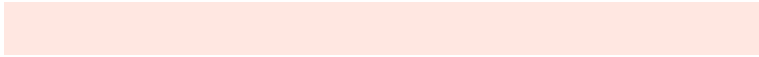
76.0955, 83.8481, 100.1024



82.7134, 83.8481, 102.1698

Rectangle

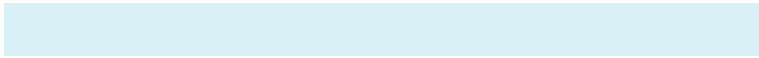
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



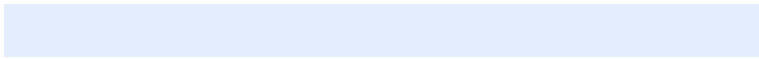
83.4065, 83.8481, 83.0225



79.7611, 83.8481, 78.4447



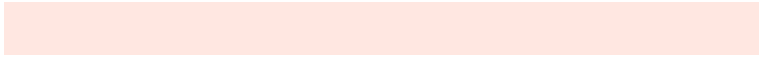
76.0955, 83.8481, 100.1024



79.6291, 83.8481, 105.4801

Sweetspot

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



83.4085, 83.8516, 83.0243



90.9033, 94.2651, 99.6301



85.2646, 81.9509, 100.9470



19.2948, 19.9518, 20.9635



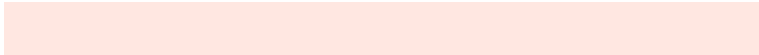
0.0000, 0.0000, 0.0000



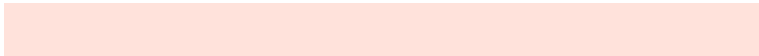
20.3446, 21.4041, 23.3091

Same Dimension

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



83.4085, 83.8516, 83.0243



81.3835, 81.0258, 78.5753



87.7868, 92.6082, 84.4837



18.3037, 18.5757, 18.7651



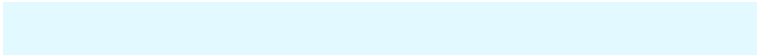
22.2509, 12.5131, 1.2425



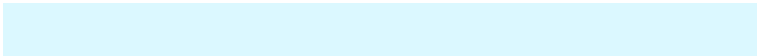
2.2390, 1.3634, 0.1452

Inverse Universe

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



82.9762, 90.9764, 107.7946



80.8764, 89.3718, 107.5956



78.5250, 82.0741, 106.3109



18.2279, 19.8273, 23.1163



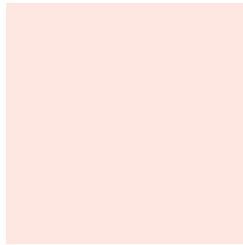
20.8177, 26.5449, 53.4611



2.1017, 2.7341, 5.2302

Previews

White Background



This preview shows how the XYZ color 83.4065, 83.8481, 83.0225 looks on a white background.

Color Contrast Check

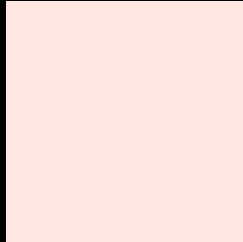
Large Text (above 18pt) WCAG AA × Fail

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 83.4065, 83.8481, 83.0225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

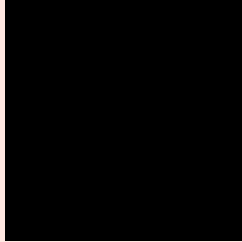
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

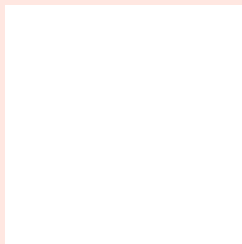
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4065, 83.8481, 83.0225

Background



This preview shows how black text looks on a background with the XYZ color 83.4065, 83.8481, 83.0225.



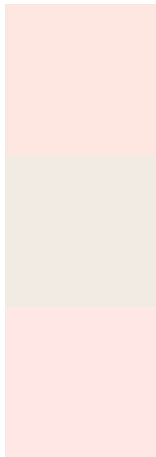
This preview shows how white text looks on a background with the XYZ color 83.4065, 83.8481,

83.0225.

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

83.4065, 83.8481, 83.0225

Protanopia

80.1914, 83.8400, 84.6292

Deuteranopia

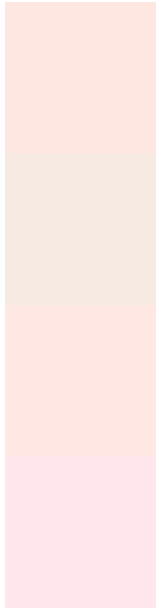
83.9588, 84.0690, 85.9306



Tritanopia

85.5884, 83.8303, 97.2578

Trichromacy



Original Color

83.4065, 83.8481, 83.0225

Protanomaly

81.5081, 84.1108, 83.8906

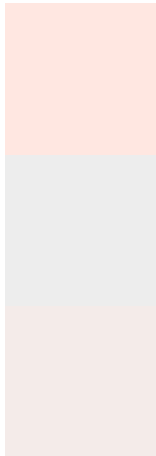
Deuteranomaly

83.8195, 84.0133, 85.1972

Tritanomaly

84.8229, 83.9681, 91.8576

Monochromacy



Original Color

83.4065, 83.8481, 83.0225

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.7245, 84.5330, 89.0999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4065, 83.8481, 83.0225 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, 231, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 225)  
}
```

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, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 225) }
```

Border

The CSS property to change the border of an element to XYZ 83.4065, 83.8481, 83.0225 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, 231, 225) }
```


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

```
.border{ border-color:rgb(255, 231, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4065, 83.8481, 83.0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 225) }
```

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

```
.background{ background-color: rgb(255,  
231, 225) }
```

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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