

Converting Colors

XYZ(83.4594, 84.0845, 82.6369)

Have a look what the booklet for
XYZ(83.4594, 84.0845, 82.6369)
contains.

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Color

**XYZ(83.2705, 83.7936,
82.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7E0
RGB	255, 231, 224
RGB Percent	100%, 91%, 88%
CMY	0.0000, 0.0941, 0.1216
CMYK	0.00, 0.09, 0.12, 0.00
HSL	14°, 100%, 94%
HSV	14°, 12%, 100%
XYZ	83.2705, 83.7936, 82.3060
YIQ	237.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

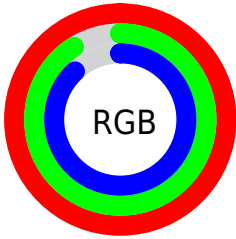
Format	Color
R _Y B	255, 233, 224
Decimal	16771040
CIE Lab	93.36, 7.05, 6.36
CIE LCh	93, 9.498, 42.076
Yxy	83.7936, 0.3339, 0.3360
Android (android.graphics.Color)	4294961120 (0xFFFE7E0)
YUV	237.3780, -6.5954, 15.4545
Hunter-Lab	91.5388, 2.1838, 10.7673

Details

The XYZ color **83.2705, 83.7936, 82.3060** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3571, 90.1998, 107.6774**, and the grayscale version is **80.8295, 85.0389, 92.6074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7801, 45.5303, 43.9115** is the 20% darker color. If you saturate the color by 10%, you get **74.8519, 72.0821, 63.6981**, and if you desaturate by 10%, it is **92.8346, 96.9655, 103.8567**.

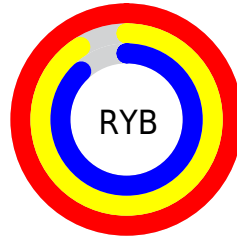
Distribution



Red (100%)

Green (91%)

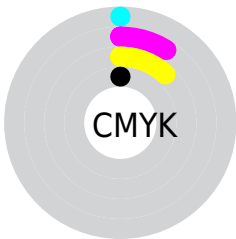
Blue (88%)



Red (100%)

Yellow (91%)

Blue (88%)

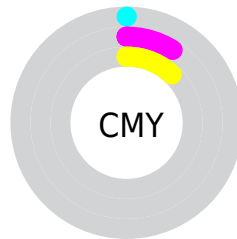


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2705, 83.7936, 82.3060 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 83.2705, 83.7936, 82.3060 by changing the saturation by 10% instead.


 83.2705, 83.7936,
82.3060

 83.2705, 83.7936,
82.3060


494.4579,
507.6276, 522.5810

 62.7310, 62.8450,
61.0805

136.8808,
138.6864, 138.4436

 45.8815, 45.7159,
43.8592


170.6823,
173.3995, 174.1927

 32.3565, 32.0217,
30.2234


209.6352,
213.4695, 215.6202

 21.7908, 21.3780,
19.7547

254.1049,
259.2808, 263.1445

 13.8190, 13.4006,
12.0346

304.4566,
311.2179, 317.1842

 8.0758, 7.7050,
6.6444

361.0558,

 4.1957, 3.9068,

369.6651, 378.1578

3.1657

424.2677,
435.0069, 446.4839

■ 1.8134, 1.6215,
1.1798

■ 0.5257, 0.3721,
0.0000

■ 83.2705, 83.7936,
82.3060

■ 83.2705, 83.7936,
82.3060

■ 74.8519, 72.0821,
63.6981

■ 92.8346, 96.9655,
103.8567

■ 67.5295, 61.7703,
47.8997

95.0500, 100.0000,
108.9000

■ 61.2588, 52.8082,
34.7749

■ 55.9899, 45.1390,
24.1746

■ 51.6686, 38.7020,
15.9348

■ 48.2355, 33.4311,
9.8721

■ 45.6236, 29.2538,
5.7755

■ 43.7555, 26.0889,
3.3914

■ 42.7339, 24.2478,
2.4280

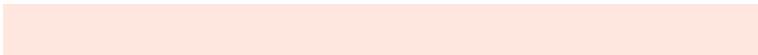
Harmonies

Analogous

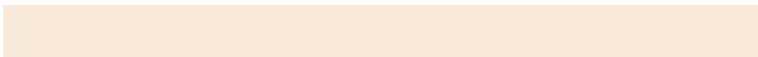
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4445, 83.7936, 88.3829



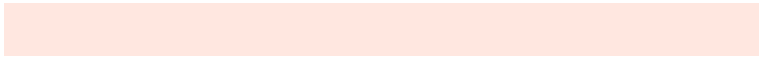
83.2705, 83.7936, 82.3060



81.1342, 83.7936, 78.7371

Triad

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



83.2705, 83.7936, 82.3060



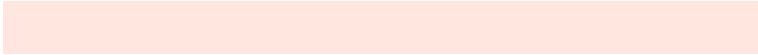
75.1499, 83.7936, 87.0590



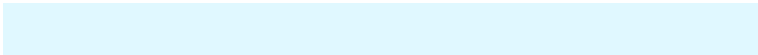
80.6547, 83.7936, 105.3948

Complementary

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



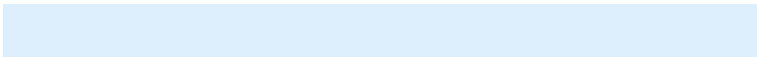
83.2705, 83.7936, 82.3060



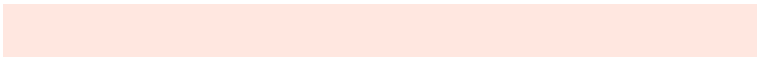
82.3571, 90.1998, 107.6774

Split Complementary

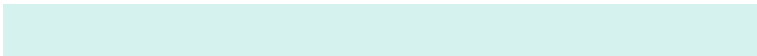
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1708, 83.7936, 104.9944



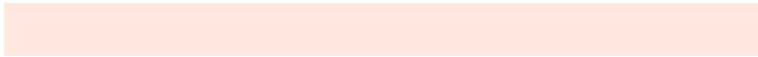
83.2705, 83.7936, 82.3060



75.0277, 83.7936, 94.1519

Square

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



83.2705, 83.7936, 82.3060



76.4605, 83.7936, 81.3807



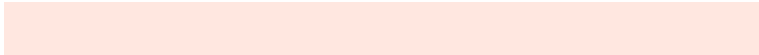
76.1230, 83.7936, 100.7917



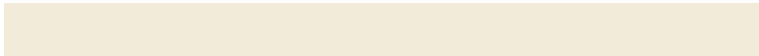
82.9132, 83.7936, 101.8586

Rectangle

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



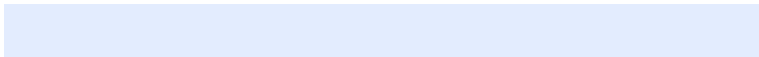
83.2705, 83.7936, 82.3060



79.4691, 83.7936, 78.1402



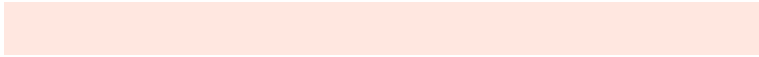
76.1230, 83.7936, 100.7917



79.8178, 83.7936, 105.7211

Sweetspot

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



83.2724, 83.7971, 82.3078



90.9837, 94.4260, 99.6569



84.8835, 81.3672, 100.2695



19.3151, 19.9924, 20.9703



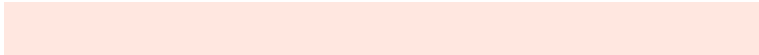
0.0000, 0.0000, 0.0000



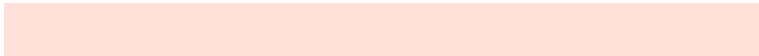
20.3446, 21.4041, 23.3091

Same Dimension

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



83.2724, 83.7971, 82.3078



80.7634, 80.3198, 76.7219



87.7166, 92.6856, 83.7892



18.3423, 18.6527, 18.7779



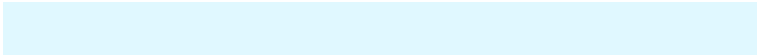
22.4205, 12.8522, 1.2990



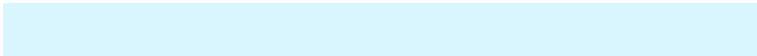
2.2607, 1.4067, 0.1524

Inverse Universe

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



82.3571, 90.1998, 107.6774



79.6555, 88.0625, 107.4072



77.8690, 81.2235, 106.1813



18.1863, 19.7443, 23.1024



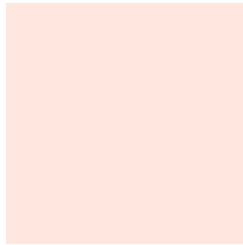
20.0271, 24.9637, 53.1975



2.0311, 2.5929, 5.2067

Previews

White Background



This preview shows how the XYZ color 83.2705, 83.7936, 82.3060 looks on a white background.

Color Contrast Check

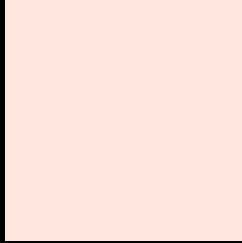
Large Text (above 18pt) WCAG AA × Fail

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 83.2705, 83.7936, 82.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

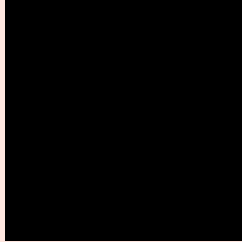
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

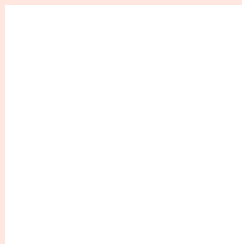
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2705, 83.7936, 82.3060

Background



This preview shows how black text looks on a background with the XYZ color 83.2705, 83.7936, 82.3060.



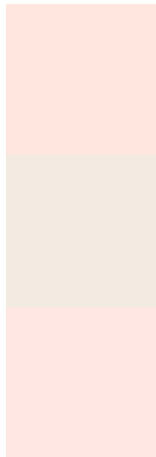
This preview shows how white text looks on a background with the XYZ color 83.2705, 83.7936,

82.3060.

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

83.2705, 83.7936, 82.3060

Protanopia

80.3979, 83.9623, 83.9204

Deuteranopia

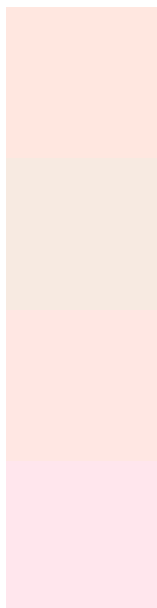
83.8195, 84.0133, 85.1972



Tritanopia

85.5884, 83.8303, 97.2578

Trichromacy



Original Color

83.2705, 83.7936, 82.3060

Protanomaly

81.3712, 84.0560, 83.1699

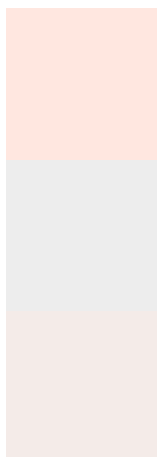
Deuteranomaly

83.6810, 83.9579, 84.4681

Tritanomaly

84.8229, 83.9681, 91.8576

Monochromacy



Original Color

83.2705, 83.7936, 82.3060

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5820, 84.4760, 88.3496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2705, 83.7936, 82.3060 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 224) }
```

Border

The CSS property to change the border of an element to XYZ 83.2705, 83.7936, 82.3060 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, 224) }
```


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

```
.border{ border-color:rgb(255, 231, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2705, 83.7936, 82.3060 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
231, 224) }
```

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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