

Converting Colors

XYZ(85.2787, 84.5416, 84.3637)

Have a look what the booklet for
XYZ(85.2787, 84.5416, 84.3637)
contains.

XYZ(83.4019, 83.3997, 84.3750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.4019, 83.3997,
84.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E3
RGB	255, 230, 227
RGB Percent	100%, 90%, 89%
CMY	0.0000, 0.0980, 0.1098
CMYK	0.00, 0.10, 0.11, 0.00
HSL	6°, 100%, 95%
HSV	6°, 11%, 100%
XYZ	83.4019, 83.3997, 84.3750
YIQ	237.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 230, 227
Decimal	16770787
CIE Lab	93.19, 8.04, 4.55
CIE LCh	93, 9.242, 29.528
Yxy	83.3997, 0.3320, 0.3320
Android (android.graphics.Color)	4294960867 (0xFFFE6E3)
YUV	237.1330, -4.9956, 15.6694
Hunter-Lab	91.3234, 3.2006, 9.1475

Details

The XYZ color **83.4019, 83.3997, 84.3750** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5380, 93.1691, 108.1355**, and the grayscale version is **80.6291, 84.8281, 92.3778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8711, 45.2564, 45.3474** is the 20% darker color. If you saturate the color by 10%, you get **74.2134, 70.2440, 65.2152**, and if you desaturate by 10%, it is **93.9429, 98.4254, 106.5594**.

Distribution



Red (100%)

Green (90%)

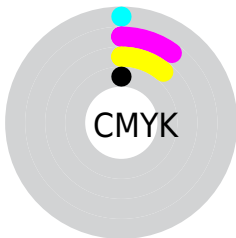
Blue (89%)



Red (100%)

Yellow (90%)

Blue (89%)

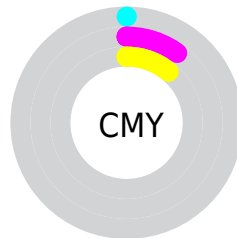


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4019, 83.3997, 84.3750 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 83.4019, 83.3997, 84.3750 by changing the saturation by 10% instead.


 83.4019, 83.3997,
84.3750

 83.4019, 83.3997,
84.3750


494.8887,
506.3177, 529.6482

 62.8398, 62.5199,
62.7779


137.0638,
138.1351, 141.3660

 45.9698, 45.4530,
45.2217


170.8943,
172.7596, 177.5970

 32.4265, 31.8144,
31.2879


209.8784,
212.7344, 219.5431

 21.8446, 21.2197,
20.5579

254.3813,
258.4440, 267.6228

 13.8587, 13.2847,
12.6131

304.7684,
310.2727, 322.2546

 8.1035, 7.6249,
7.0351

361.4051,

 4.2136, 3.8559,

368.6049, 383.8571

3.4053

424.6567,
433.8251, 452.8488

■ 1.8237, 1.5933,
1.3051

■ 0.5319, 0.3531,
0.0660

■ 83.4019, 83.3997,
84.3750

■ 83.4019, 83.3997,
84.3750

■ 74.2134, 70.2440,
65.2152

■ 93.9429, 98.4254,
106.5594

■ 66.3168, 58.8751,
48.9439

■ 95.0500, 100.0000,
108.9000

■ 59.6558, 49.2188,
35.4224

■ 54.1675, 41.1921,
24.4985

■ 49.7834, 34.7048,
16.0053

■ 46.4279, 29.6580,
9.7564

■ 44.0157, 25.9411,
5.5381

■ 42.4475, 23.4275,
3.0954

■ 41.6404, 22.0607,
2.0635

Harmonies

Analogous

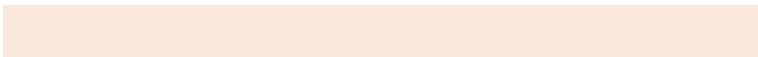
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0308, 83.3997, 90.9182



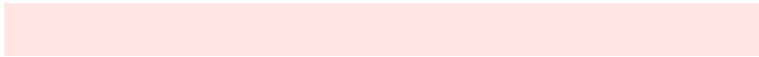
83.4019, 83.3997, 84.3750



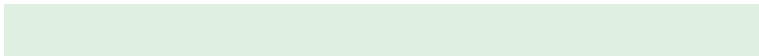
81.6606, 83.3997, 79.7624

Triad

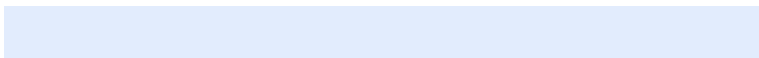
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4019, 83.3997, 84.3750



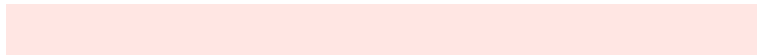
75.3119, 83.3997, 84.1936



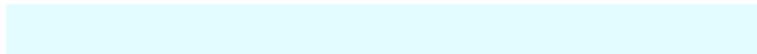
79.2305, 83.3997, 104.8486

Complementary

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



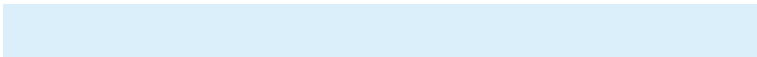
83.4019, 83.3997, 84.3750



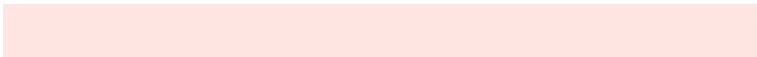
84.5380, 93.1691, 108.1355

Split Complementary

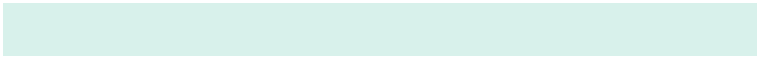
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9244, 83.3997, 102.8292



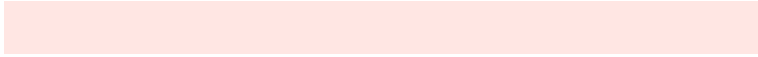
83.4019, 83.3997, 84.3750



74.6905, 83.3997, 90.6981

Square

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



83.4019, 83.3997, 84.3750



76.9896, 83.3997, 79.6615



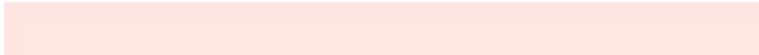
75.2748, 83.3997, 97.5601



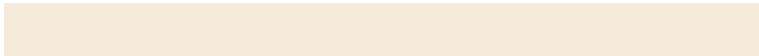
81.5927, 83.3997, 102.9488

Rectangle

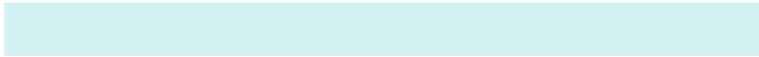
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



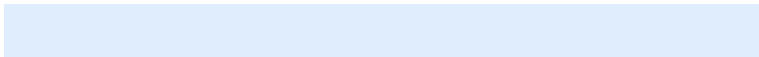
83.4019, 83.3997, 84.3750



80.1207, 83.3997, 78.2818



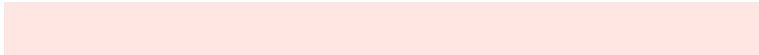
75.2748, 83.3997, 97.5601



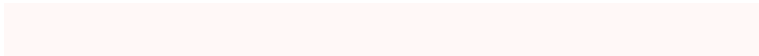
78.4232, 83.3997, 104.6041

Sweetspot

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



83.4039, 83.4032, 84.3768



91.7026, 95.2370, 101.8285



86.3119, 83.2400, 103.7796



19.4412, 20.1184, 21.4012



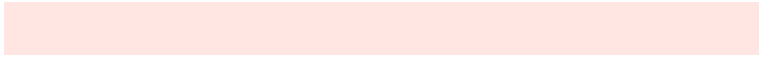
0.0000, 0.0000, 0.0000



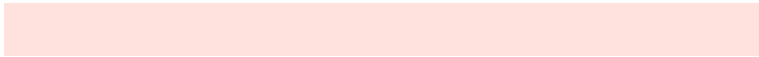
20.3446, 21.4041, 23.3091

Same Dimension

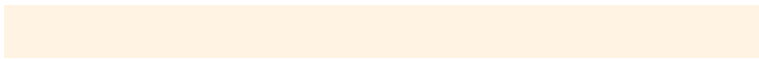
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4039, 83.4032, 84.3768



81.4402, 80.5969, 80.2663



87.3961, 91.3876, 85.7075



18.1662, 18.3006, 18.7192



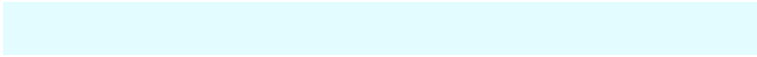
21.8083, 11.6278, 1.0950



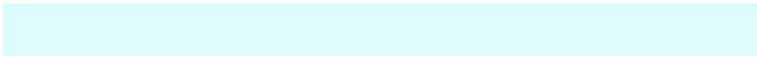
2.1724, 1.2301, 0.1229

Inverse Universe

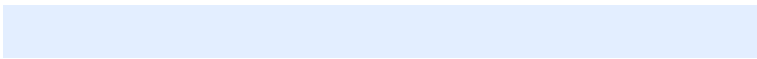
The Inverse Universe completely reimagines the original color for something new.



84.5380, 93.1691, 108.1355



82.7639, 91.9971, 108.0028



80.3621, 84.8173, 106.7436



18.3786, 20.1287, 23.1665



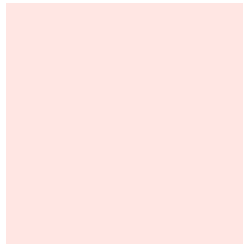
23.9428, 32.7951, 54.5028



2.3769, 3.2846, 5.3220

Previews

White Background



This preview shows how the XYZ color 83.4019, 83.3997, 84.3750 looks on a white background.

Color Contrast Check

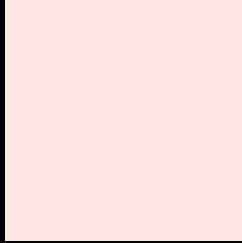
Large Text (above 18pt) WCAG AA × Fail

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 83.4019, 83.3997, 84.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

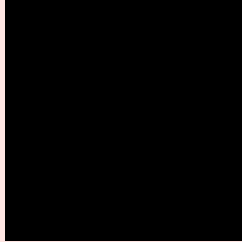
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

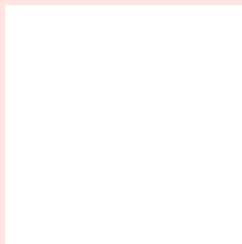
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4019, 83.3997, 84.3750

Background



This preview shows how black text looks on a background with the XYZ color 83.4019, 83.3997, 84.3750.



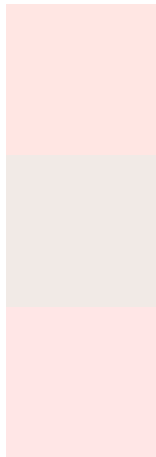
This preview shows how white text looks on a background with the XYZ color 83.4019, 83.3997,

84.3750.

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

83.4019, 83.3997, 84.3750

Protanopia

79.9814, 83.2596, 86.7181

Deuteranopia

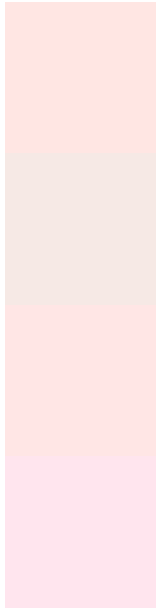
83.8197, 83.5668, 86.5751



Tritanopia

85.3125, 83.2785, 97.1658

Trichromacy



Original Color

83.4019, 83.3997, 84.3750

Protanomaly

81.2878, 83.5278, 85.9669

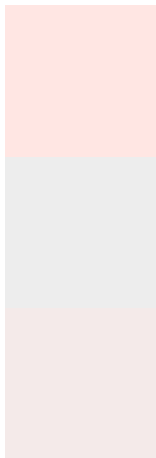
Deuteranomaly

83.6797, 83.5108, 85.8375

Tritanomaly

84.6919, 83.4717, 92.5368

Monochromacy



Original Color

83.4019, 83.3997, 84.3750

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4390, 83.9619, 89.0048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4019, 83.3997, 84.3750 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, 230, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 227)  
}
```

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, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 227) }
```

Border

The CSS property to change the border of an element to XYZ 83.4019, 83.3997, 84.3750 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, 230, 227) }
```


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

```
.border{ border-color:rgb(255, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4019, 83.3997, 84.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 227) }
```

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

```
.background{ background-color: rgb(255,  
230, 227) }
```

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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