

Converting Colors

XYZ(83.4159, 84.3009, 81.6873)

Have a look what the booklet for XYZ(83.4159, 84.3009, 81.6873) contains.

- XYZ(83.4159, 84.3009, 81.6873) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(83.4159, 84.3009,
81.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8DF
RGB	255, 232, 223
RGB Percent	100%, 91%, 87%
CMY	0.0000, 0.0902, 0.1255
CMYK	0.00, 0.09, 0.13, 0.00
HSL	17°, 100%, 94%
HSV	17°, 13%, 100%
XYZ	83.4159, 84.3009, 81.6873
YIQ	237.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

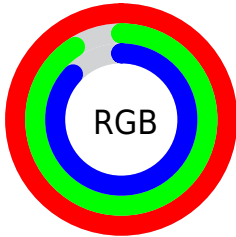
Format	Color
R _Y B	255, 236, 223
Decimal	16771295
CIE Lab	93.58, 6.38, 7.20
CIE LCh	94, 9.621, 48.468
Yxy	84.3009, 0.3345, 0.3380
Android (android.graphics.Color)	4294961375 (0xFFFFE8DF)
YUV	237.8510, -7.3215, 15.0397
Hunter-Lab	91.8155, 1.4930, 11.5212

Details

The XYZ color **83.4159, 84.3009, 81.6873** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4364, 88.8172, 107.4590**, and the grayscale version is **81.2003, 85.4291, 93.0322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8819, 45.8836, 43.4840** is the 20% darker color. If you saturate the color by 10%, you get **75.3417, 73.2464, 63.2923**, and if you desaturate by 10%, it is **92.5496, 96.6452, 102.9921**.

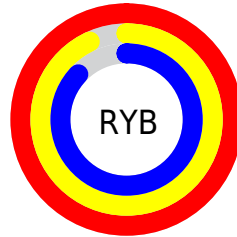
Distribution



Red (100%)

Green (91%)

Blue (87%)



Red (100%)

Yellow (93%)

Blue (87%)



Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4159, 84.3009, 81.6873 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 83.4159, 84.3009, 81.6873 by changing the saturation by 10% instead.


 83.4159, 84.3009,
81.6873

 83.4159, 84.3009,
81.6873


494.9345,
509.3119, 520.4571

 62.8514, 63.2639,
60.5735


137.0833,
139.3960, 137.5681

 45.9792, 46.0547,
43.4527


170.9169,
174.2229, 173.1723

 32.4340, 32.2890,
29.9065


209.9043,
214.4152, 214.4436

 21.8503, 21.5823,
19.5162

254.4107,
260.3574, 261.8007

 13.8629, 13.5503,
11.8633

304.8016,
312.4337, 315.6620

 8.1065, 7.8086,
6.5292

361.4423,

 4.2155, 3.9727,

371.0286, 376.4462

3.0955

424.6982,
436.5266, 444.5717

■ 1.8248, 1.6583,
1.1436

■ 0.5325, 0.3964,
0.0000

■ 83.4159, 84.3009,
81.6873

■ 83.4159, 84.3009,
81.6873

■ 75.3417, 73.2464,
63.2923

■ 92.5496, 96.6452,
102.9921

■ 68.2819, 63.4292,
47.6748

95.0500, 100.0000,
108.9000

■ 62.1961, 54.8083,
34.7002

■ 57.0394, 47.3367,
24.2203

■ 52.7628, 40.9641,
16.0724

■ 49.3125, 35.6361,
10.0740

■ 46.6279, 31.2932,
6.0153

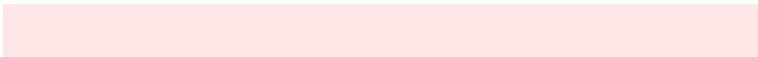
■ 44.6386, 27.8690,
3.6427

■ 43.5417, 25.8634,
2.6972

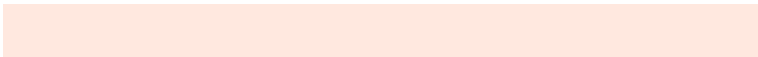
Harmonies

Analogous

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



84.8599, 84.3009, 87.4185



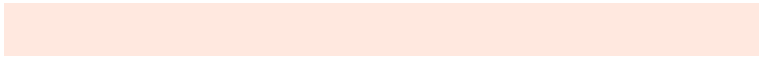
83.4159, 84.3009, 81.6873



81.1083, 84.3009, 78.7240

Triad

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



83.4159, 84.3009, 81.6873



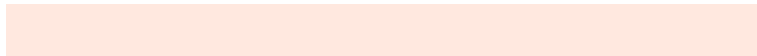
75.4232, 84.3009, 89.0146



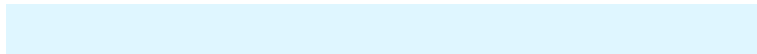
81.6865, 84.3009, 105.7424

Complementary

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



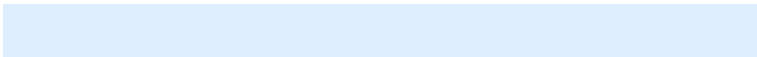
83.4159, 84.3009, 81.6873



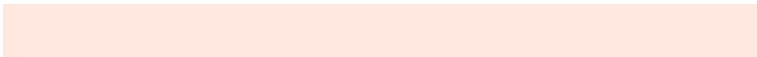
81.4364, 88.8172, 107.4590

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.



79.1507, 84.3009, 106.2257



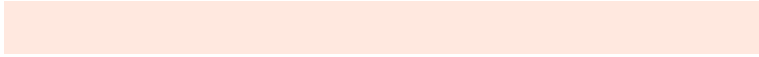
83.4159, 84.3009, 81.6873



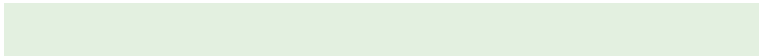
75.5705, 84.3009, 96.3035

Square

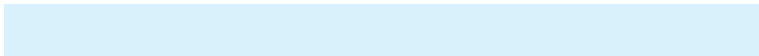
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4159, 84.3009, 81.6873



76.5158, 84.3009, 82.8023



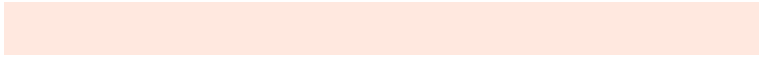
76.9227, 84.3009, 102.6917



83.8469, 84.3009, 101.4042

Rectangle

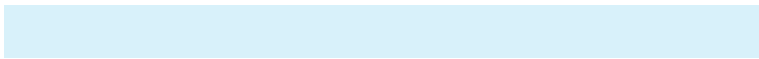
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4159, 84.3009, 81.6873



79.4066, 84.3009, 78.6066



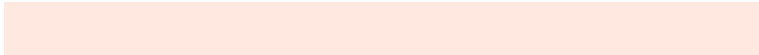
76.9227, 84.3009, 102.6917



80.8487, 84.3009, 106.3693

Sweetspot

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



83.4178, 84.3044, 81.6891



91.1570, 94.7726, 99.7147



84.3345, 80.7188, 98.7006



19.3588, 20.0799, 20.9849



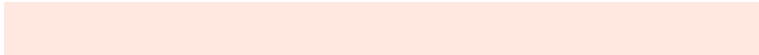
0.0000, 0.0000, 0.0000



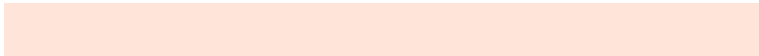
20.3446, 21.4041, 23.3091

Same Dimension

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



83.4178, 84.3044, 81.6891



81.3416, 81.4763, 76.9146



87.9837, 93.4363, 83.2110



18.4255, 18.8192, 18.8057



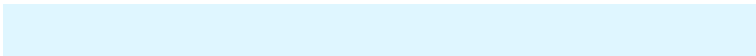
22.8595, 13.7302, 1.4454



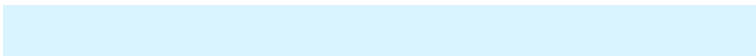
2.3135, 1.5123, 0.1700

Inverse Universe

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



81.4364, 88.8172, 107.4590



79.0129, 86.7772, 107.1930



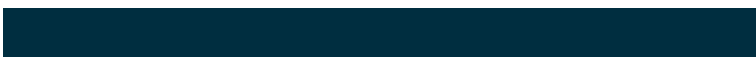
76.9092, 79.7627, 105.9499



18.0975, 19.5666, 23.0728



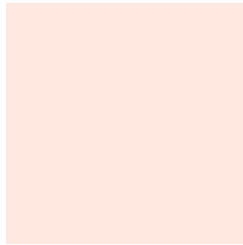
18.4388, 21.7871, 52.6681



1.8879, 2.3066, 5.1590

Previews

White Background



This preview shows how the XYZ color 83.4159, 84.3009, 81.6873 looks on a white background.

Color Contrast Check

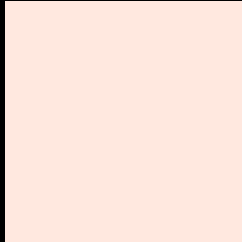
Large Text (above 18pt) WCAG AA × Fail

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 83.4159, 84.3009, 81.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

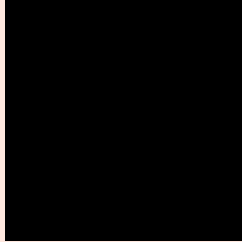
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4159, 84.3009, 81.6873

Background



This preview shows how black text looks on a background with the XYZ color 83.4159, 84.3009, 81.6873.



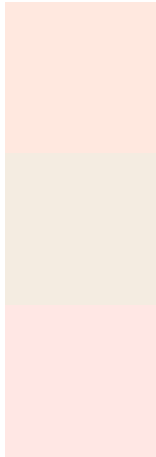
This preview shows how white text looks on a background with the XYZ color 83.4159, 84.3009,

81.6873.

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

83.4159, 84.3009, 81.6873

Protanopia

80.8943, 84.6602, 83.3116

Deuteranopia

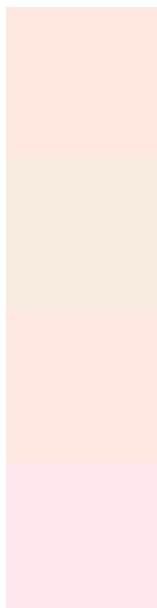
83.8195, 84.0133, 85.1972



Tritanopia

86.0182, 84.4462, 98.1523

Trichromacy



Original Color

83.4159, 84.3009, 81.6873

Protanomaly

81.8743, 84.7549, 82.5651

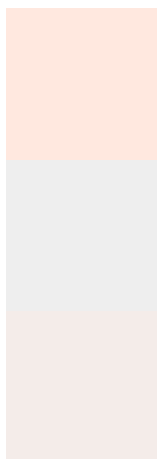
Deuteranomaly

83.5434, 83.9028, 83.7432

Tritanomaly

85.1020, 84.5263, 91.9506

Monochromacy



Original Color

83.4159, 84.3009, 81.6873

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.0117, 85.1072, 89.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4159, 84.3009, 81.6873 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, 232, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 223)  
}
```

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, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 223) }
```

Border

The CSS property to change the border of an element to XYZ 83.4159, 84.3009, 81.6873 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, 232, 223) }
```


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

```
.border{ border-color:rgb(255, 232, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4159, 84.3009, 81.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 223) }
```

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

```
.background{ background-color: rgb(255,  
232, 223) }
```

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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