

Converting Colors

XYZ(83.9860, 84.9627, 84.5877)

Have a look what the booklet for
XYZ(83.9860, 84.9627, 84.5877)
contains.

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Color

**XYZ(83.8771, 84.8947,
84.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE9E3
RGB	254, 233, 227
RGB Percent	100%, 91%, 89%
CMY	0.0039, 0.0863, 0.1098
CMYK	0.00, 0.08, 0.11, 0.00
HSL	13°, 93%, 94%
HSV	13°, 11%, 100%
XYZ	83.8771, 84.8947, 84.6386
YIQ	238.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 235, 227
Decimal	16706019
CIE Lab	93.84, 6.15, 5.48
CIE LCh	94, 8.241, 41.698
Yxy	84.8947, 0.3310, 0.3350
Android (android.graphics.Color)	4294896099 (0xFFFE9E3)
YUV	238.5950, -5.7163, 13.5102
Hunter-Lab	92.1383, 1.2534, 10.0328

Details

The XYZ color **83.8771, 84.8947, 84.6386** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1351, 90.6198, 106.8765**, and the grayscale version is **81.7664, 86.0246, 93.6808**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1945, 46.2932, 45.5305** is the 20% darker color. If you saturate the color by 10%, you get **75.3454, 73.0332, 65.7558**, and if you desaturate by 10%, it is **93.5567, 98.2224, 106.4575**.

Distribution



Red (100%)

Green (91%)

Blue (89%)



Red (100%)

Yellow (92%)

Blue (89%)



Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8771, 84.8947, 84.6386 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 83.8771, 84.8947, 84.6386 by changing the saturation by 10% instead.


 83.8771, 84.8947,
84.6386

 83.8771, 84.8947,
84.6386


496.4449,
511.2796, 530.5448

 63.2333, 63.7544,
62.9944


137.7254,
140.2260, 141.7378

 46.2894, 46.4518,
45.3957


171.6606,
175.1859, 178.0299

 32.6798, 32.6025,
31.4240

210.7571,
215.5210, 220.0416

 22.0393, 21.8221,
20.6608

255.3801,
261.6157, 268.1916

 14.0026, 13.7262,
12.6874

305.8950,
313.8546, 322.8984

 8.2042, 7.9305,
7.0855

362.6672,

 4.2788, 4.0505,

372.6219, 384.5805

3.4364

426.0620,
438.3021, 453.6565

■ 1.8610, 1.7019,
1.3215

■ 0.5540, 0.4249,
0.0793

■ 83.8771, 84.8947,
84.6386

■ 83.8771, 84.8947,
84.6386

■ 75.3454, 73.0332,
65.7558

■ 93.5567, 98.2224,
106.4575

■ 67.9113, 62.5764,
49.6780

94.6835, 99.8110,
108.8828

■ 61.5314, 53.4752,
36.2724

■ 56.1565, 45.6733,
25.3928

■ 51.7333, 39.1102,
16.8793

■ 48.2034, 33.7208,
10.5534

■ 45.5015, 29.4332,
6.2110

■ 43.5520, 26.1676,
3.6087

■ 42.3113, 23.9468,
2.3921

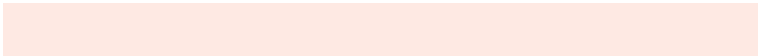
Harmonies

Analogous

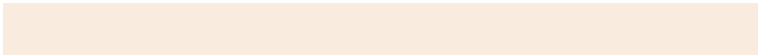
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8867, 84.8947, 90.0107



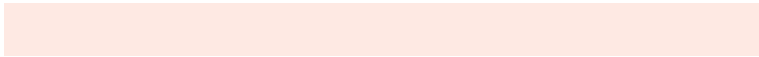
83.8771, 84.8947, 84.6386



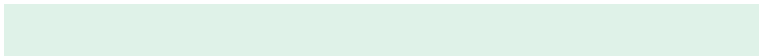
82.0203, 84.8947, 81.4456

Triad

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



83.8771, 84.8947, 84.6386



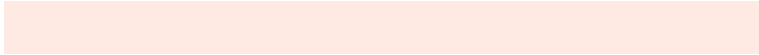
76.7551, 84.8947, 88.6979



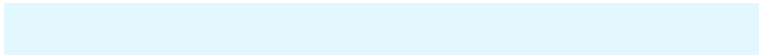
81.5472, 84.8947, 104.7635

Complementary

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



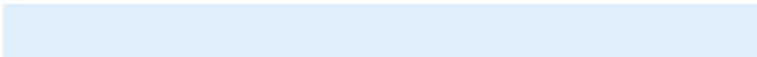
83.8771, 84.8947, 84.6386



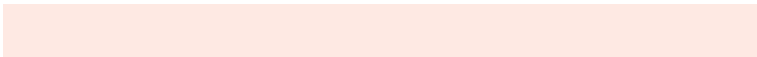
83.1351, 90.6198, 106.8765

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.



79.3739, 84.8947, 104.3729



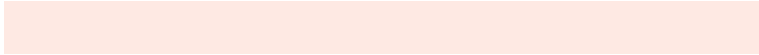
83.8771, 84.8947, 84.6386



76.6337, 84.8947, 94.9043

Square

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



83.8771, 84.8947, 84.6386



77.9192, 84.8947, 83.7151



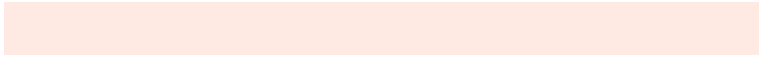
77.5844, 84.8947, 100.6979



83.5254, 84.8947, 101.7422

Rectangle

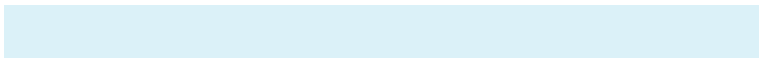
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8771, 84.8947, 84.6386



80.5651, 84.8947, 80.8907



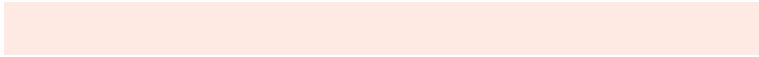
77.5844, 84.8947, 100.6979



80.8148, 84.8947, 105.0305

Sweetspot

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



83.8795, 84.8984, 84.6404



91.9741, 95.7801, 101.9190



85.3098, 82.7969, 100.4151



19.5142, 20.2644, 21.4255



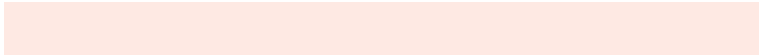
0.0000, 0.0000, 0.0000



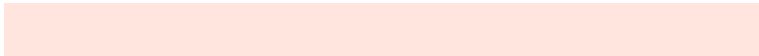
20.3446, 21.4041, 23.3091

Same Dimension

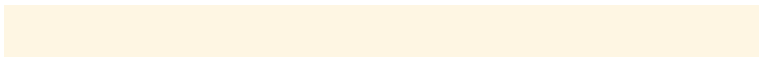
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8795, 84.8984, 84.6404



82.4855, 82.6875, 80.6147



87.8015, 92.7426, 85.9478



18.3369, 18.6420, 18.7761



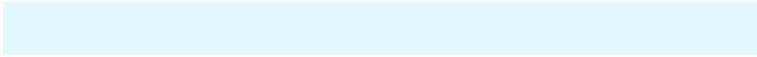
22.3957, 12.8027, 1.2908



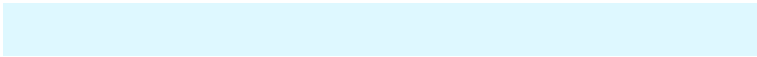
2.2576, 1.4005, 0.1513

Inverse Universe

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



83.1351, 90.6198, 106.8765



81.5814, 89.6321, 107.6087



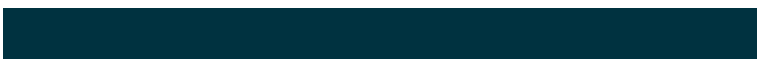
79.1773, 82.7043, 105.5573



18.1921, 19.7557, 23.1044



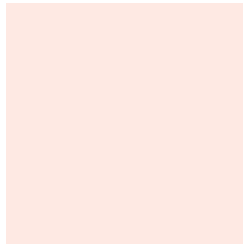
20.1344, 25.1785, 53.2333



2.0407, 2.6122, 5.2099

Previews

White Background



This preview shows how the XYZ color 83.8771, 84.8947, 84.6386 looks on a white background.

Color Contrast Check

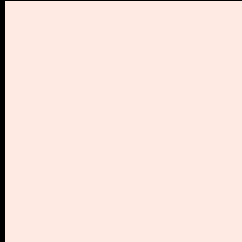
Large Text (above 18pt) WCAG AA × Fail

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 83.8771, 84.8947, 84.6386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

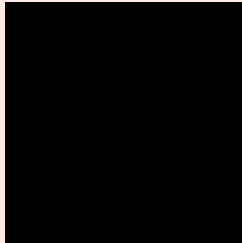
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

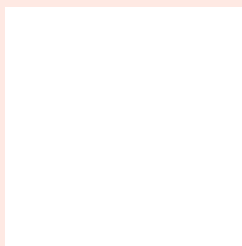
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8771, 84.8947, 84.6386

Background



This preview shows how black text looks on a background with the XYZ color 83.8771, 84.8947, 84.6386.



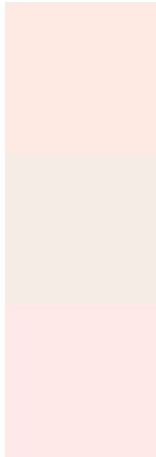
This preview shows how white text looks on a background with the XYZ color 83.8771, 84.8947,

84.6386.

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

83.8771, 84.8947, 84.6386

Protanopia

81.4465, 84.8811, 86.2197

Deuteranopia

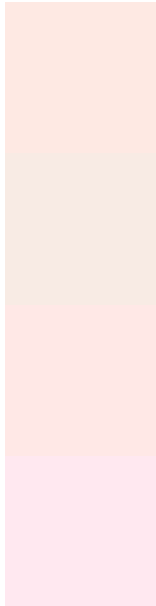
84.5204, 84.7427, 87.5036



Tritanopia

86.6044, 85.1272, 99.8623

Trichromacy



Original Color

83.8771, 84.8947, 84.6386

Protanomaly

82.4233, 84.9746, 85.4563

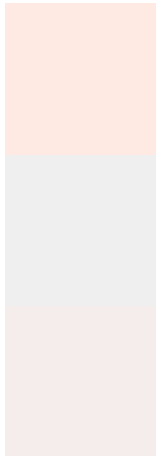
Deuteranomaly

84.3795, 84.6864, 86.7617

Tritanomaly

85.8248, 85.2645, 94.3723

Monochromacy



Original Color

83.8771, 84.8947, 84.6386

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.5878, 85.7996, 90.8054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8771, 84.8947, 84.6386 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(254, 233, 227) looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 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(254, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 227) }
```

Border

The CSS property to change the border of an element to XYZ 83.8771, 84.8947, 84.6386 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(254, 233, 227) }
```


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

```
.border{ border-color:rgb(254, 233, 227) }
```

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

Here you see how a box with a 4 pixel rgb(254, 233, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8771, 84.8947, 84.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 227) }
```

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

```
.background{ background-color: rgb(254,  
233, 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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