

Converting Colors

XYZ(88.7849, 95.3470, 87.8531)

Have a look what the booklet for
XYZ(88.7849, 95.3470, 87.8531)
contains.

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Color

**XYZ(88.7849, 95.3470,
87.8531)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFBE5
RGB	252, 251, 229
RGB Percent	99%, 98%, 90%
CMY	0.0118, 0.0157, 0.1020
CMYK	0.00, 0.00, 0.09, 0.01
HSL	57°, 79%, 94%
HSV	57°, 9%, 99%
XYZ	88.7849, 95.3470, 87.8531
YIQ	248.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

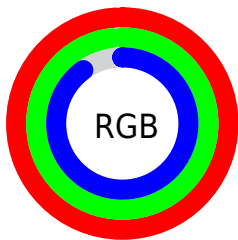
Format	Color
R _Y B	230, 252, 229
Decimal	16579557
CIE Lab	98.17, -3.35, 10.66
CIE LCh	98, 11.171, 107.465
Yxy	95.3470, 0.3264, 0.3506
Android (android.graphics.Color)	4294769637 (0xFFFCFBE5)
YUV	248.7910, -9.7570, 2.8143
Hunter-Lab	97.6458, -8.5782, 15.0081

Details

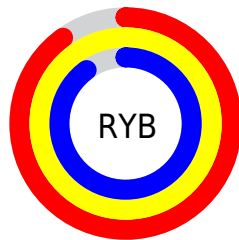
The XYZ color **88.7849, 95.3470, 87.8531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1804, 80.2784, 103.4710**, and the grayscale version is **89.9464, 94.6306, 103.0527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6608, 53.6883, 47.7899** is the 20% darker color. If you saturate the color by 10%, you get **85.1802, 93.3650, 70.5340**, and if you desaturate by 10%, it is **92.9076, 97.5456, 107.8670**.

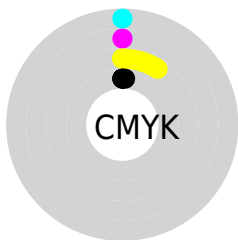
Distribution



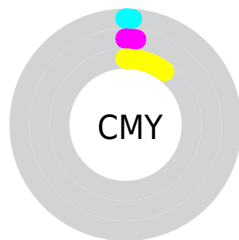
- Red (99%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (99%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7849, 95.3470, 87.8531 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 88.7849, 95.3470, 87.8531 by changing the saturation by 10% instead.

88.7849, 95.3470,
87.8531

88.7849, 95.3470,
87.8531

512.3672,
545.2753, 541.4109

67.3062, 72.4238,
65.6378

144.5364,
154.7439, 146.2620

49.6051, 53.5050,
47.5238

179.5399,
191.9864, 183.2926

35.3163, 38.2060,
33.0926

219.7824,
234.7708, 226.0987

24.0743, 26.1426,
21.9257

265.6292,
283.4816, 275.0989

15.5138, 16.9304,
13.6045

317.4458,
338.5030, 330.7116

9.2694, 10.1849,
7.7105

375.5974,

4.9758, 5.5217,

400.2195, 393.3555

3.8252

440.4494,
469.0154, 463.4491

■ 2.2677, 2.5565,
1.5299

■ 0.7781, 0.9048,
0.2401

■ 88.7849, 95.3470,
87.8531

■ 88.7849, 95.3470,
87.8531

■ 85.1802, 93.3650,
70.5340

■ 92.9076, 97.5456,
107.8670

■ 82.0638, 91.5784,
55.7881

■ 93.3793, 98.2837,
108.6568

■ 79.4147, 89.9818,
43.4938

■ 93.7247, 98.9745,
108.7719

■ 77.2076, 88.5651,
33.5172

■ 93.9552, 99.4356,
108.8488

■ 75.4146, 87.3172,
25.7115

■ 74.0047, 86.2256,
19.9132

■ 72.9423, 85.2762,
15.9357

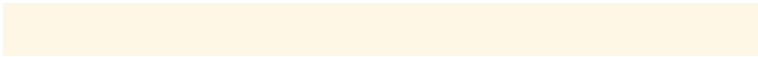
■ 72.1854, 84.4520,
13.5577

■ 71.6711, 83.7280,
12.4469

Harmonies

Analogous

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



91.9705, 95.3470, 87.5016



88.7849, 95.3470, 87.8531



86.1526, 95.3470, 92.3204

Triad

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



88.7849, 95.3470, 87.8531



86.5160, 95.3470, 117.3925



96.7833, 95.3470, 107.7002

Complementary

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



88.7849, 95.3470, 87.8531



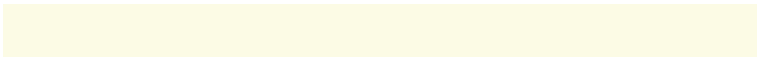
78.1804, 80.2784, 103.4710

Split Complementary

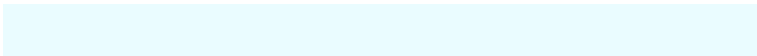
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2484, 95.3470, 116.2297



88.7849, 95.3470, 87.8531



89.2916, 95.3470, 122.0433

Square

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



88.7849, 95.3470, 87.8531



84.8641, 95.3470, 109.2120



92.4893, 95.3470, 121.6056



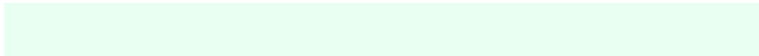
96.6398, 95.3470, 98.6021

Rectangle

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



88.7849, 95.3470, 87.8531



85.0429, 95.3470, 97.1891



92.4893, 95.3470, 121.6056



96.4450, 95.3470, 110.7389

Sweetspot

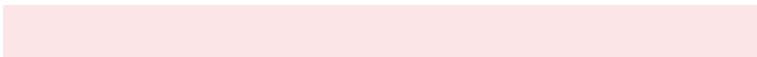
The Sweet Spot groups the original color and five complimentary colors.



88.7875, 95.3512, 87.8552



93.7371, 99.3061, 102.5067



82.4693, 82.4570, 86.5440



19.9903, 21.2166, 21.5842



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.



88.7875, 95.3512, 87.8552



90.4724, 97.5517, 86.6978



85.4522, 94.0943, 87.7883



18.6593, 20.0544, 18.3498



37.3422, 43.6410, 6.4554



3.4779, 4.0806, 0.6043

Inverse Universe

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



78.1804, 80.2784, 103.4710



77.5011, 79.1194, 105.7946



81.3061, 81.4800, 103.5382



16.3432, 16.7633, 21.7596



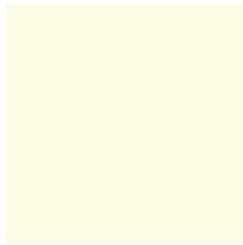
9.2413, 3.8383, 48.2273



0.8764, 0.3965, 4.4735

Previews

White Background



This preview shows how the XYZ color 88.7849, 95.3470, 87.8531 looks on a white background.

Color Contrast Check

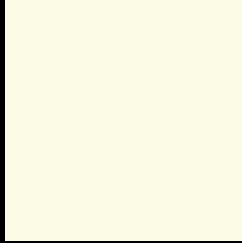
Large Text (above 18pt) WCAG AA × Fail

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 88.7849, 95.3470, 87.8531 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 88.7849, 95.3470, 87.8531

Background



This preview shows how black text looks on a background with the XYZ color 88.7849, 95.3470, 87.8531.



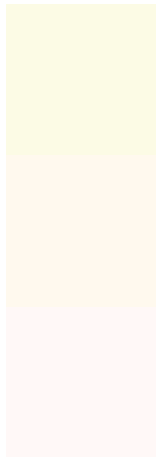
This preview shows how white text looks on a background with the XYZ color 88.7849, 95.3470,

87.8531.

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

88.7849, 95.3470, 87.8531

Protanopia

90.5483, 95.1844, 94.4889

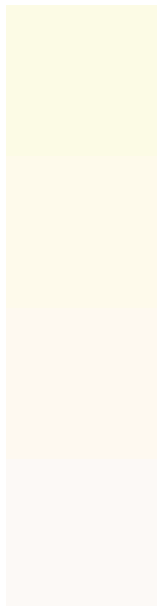
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

91.7623, 95.0503, 108.1179

Trichromacy



Original Color

88.7849, 95.3470, 87.8531

Protanomaly

90.0541, 95.4402, 92.2727

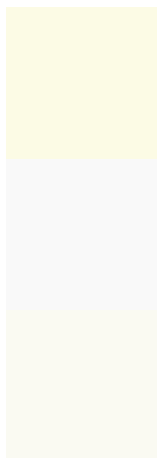
Deuteranomaly

90.4769, 95.1135, 96.0282

Tritanomaly

90.6551, 95.1006, 100.7670

Monochromacy



Original Color

88.7849, 95.3470, 87.8531

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.6370, 95.1060, 97.6373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7849, 95.3470, 87.8531 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(252, 251, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 229)  
}
```

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(252, 251, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 229) }
```

Border

The CSS property to change the border of an element to XYZ 88.7849, 95.3470, 87.8531 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(252, 251, 229) }
```


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

```
.border{ border-color:rgb(252, 251, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7849, 95.3470, 87.8531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 229) }
```

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

```
.background{ background-color: rgb(252,  
251, 229) }
```

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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