

Converting Colors

XYZ(85.4973, 88.0709, 87.1388)

Have a look what the booklet for
XYZ(85.4973, 88.0709, 87.1388)
contains.

XYZ(85.6574, 88.3288, 87.3974)	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(85.6574, 88.3288,
87.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEFE6
RGB	253, 239, 230
RGB Percent	99%, 94%, 90%
CMY	0.0078, 0.0627, 0.0980
CMYK	0.00, 0.06, 0.09, 0.01
HSL	23°, 85%, 95%
HSV	23°, 9%, 99%
XYZ	85.6574, 88.3288, 87.3974
YIQ	242.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

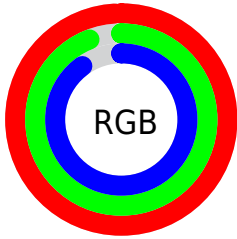
Format	Color
R _Y B	253, 245, 230
Decimal	16642022
CIE Lab	95.30, 3.22, 6.03
CIE LCh	95, 6.833, 61.856
Yxy	88.3288, 0.3277, 0.3379
Android (android.graphics.Color)	4294832102 (0xFFFDFEF6)
YUV	242.1600, -5.9949, 9.5067
Hunter-Lab	93.9834, -1.7843, 10.6532

Details

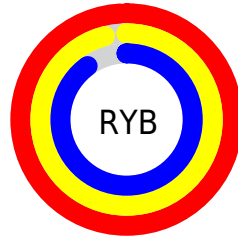
The XYZ color **85.6574, 88.3288, 87.3974** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.7131, 88.6145, 105.6743**, and the grayscale version is **84.5666, 88.9706, 96.8890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4363, 48.6979, 47.4569** is the 20% darker color. If you saturate the color by 10%, you get **78.0431, 78.3787, 68.5842**, and if you desaturate by 10%, it is **94.1276, 99.2413, 108.8022**.

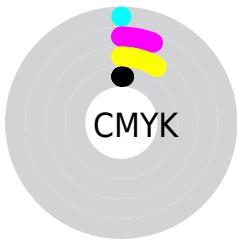
Distribution



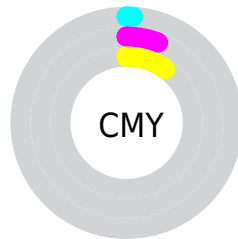
- Red (99%)
- Green (94%)
- Blue (90%)



- Red (99%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (1%)




- Cyan (1%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6574, 88.3288, 87.3974 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 85.6574, 88.3288, 87.3974 by changing the saturation by 10% instead.


 85.6574, 88.3288,
87.3974

 85.6574, 88.3288,
87.3974


502.2518,
522.5794, 539.8779

 64.7090, 66.5954,
65.2626


140.2006,
145.0148, 145.6217

 47.4890, 48.7559,
47.2214


174.5261,
180.7363, 182.5482

 33.6320, 34.4259,
32.8551


214.0414,
221.8891, 225.2425

 22.7726, 23.2210,
21.7453

259.1118,
268.8579, 274.1230

 14.5454, 14.7568,
13.4733

310.1027,
322.0269, 329.6082

 8.5852, 8.6488,
7.6207

367.3795,

 4.5266, 4.5129,

381.7806, 392.1168

3.7690

431.3074,
448.5032, 462.0671

■ 2.0041, 1.9644,
1.4995

■ 0.6363, 0.5867,
0.2175

■ 85.6574, 88.3288,
87.3974

■ 85.6574, 88.3288,
87.3974

■ 78.0431, 78.3787,
68.5842

94.1276, 99.2413,
108.8022

■ 71.2944, 69.3710,
52.4933

94.3184, 99.6228,
108.8658

■ 65.3800, 61.2803,
38.9985

■ 60.2641, 54.0755,
27.9610

■ 55.9077, 47.7239,
19.2292

■ 52.2680, 42.1903,
12.6343

■ 49.2975, 37.4365,
7.9839

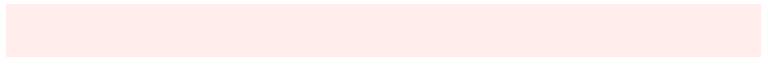
■ 46.9410, 33.4202,
5.0504

■ 45.1216, 30.0891,
3.4957

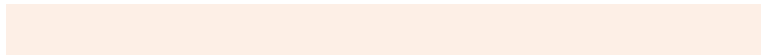
Harmonies

Analogous

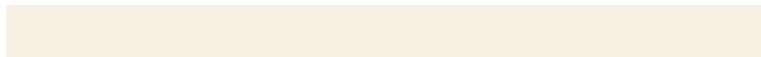
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0379, 88.3288, 90.8540



85.6574, 88.3288, 87.3974



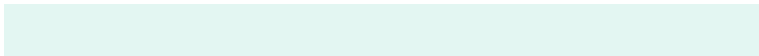
83.8378, 88.3288, 86.2677

Triad

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



85.6574, 88.3288, 87.3974



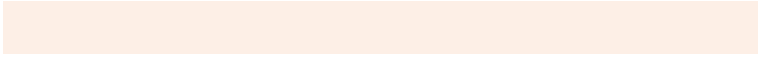
80.4192, 88.3288, 96.5081



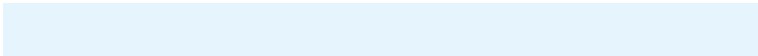
85.8615, 88.3288, 105.1681

Complementary

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



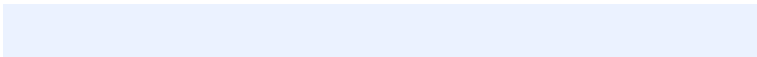
85.6574, 88.3288, 87.3974



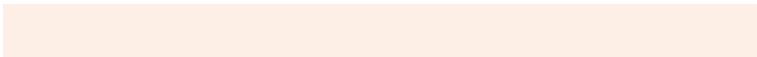
82.7131, 88.6145, 105.6743

Split Complementary

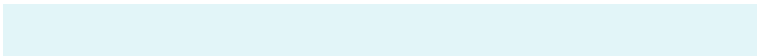
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0701, 88.3288, 106.8133



85.6574, 88.3288, 87.3974



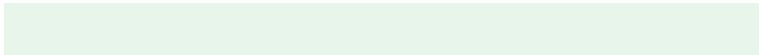
80.9436, 88.3288, 101.6999

Square

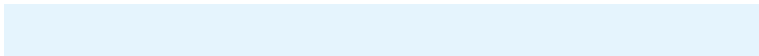
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6574, 88.3288, 87.3974



80.8303, 88.3288, 91.4099



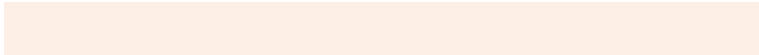
82.2731, 88.3288, 105.5216



87.1569, 88.3288, 101.1030

Rectangle

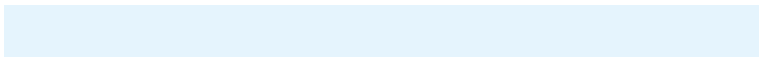
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6574, 88.3288, 87.3974



82.6255, 88.3288, 86.9513



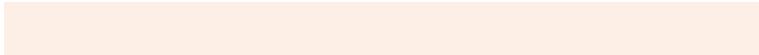
82.2731, 88.3288, 105.5216



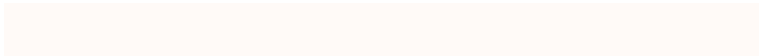
85.2964, 88.3288, 106.0291

Sweetspot

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



85.6598, 88.3327, 87.3993



92.3755, 96.5829, 102.0528



85.1629, 84.0203, 97.4640



19.6222, 20.4805, 21.4615



0.0000, 0.0000, 0.0000



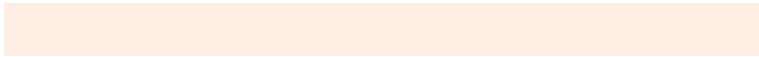
20.3446, 21.4041, 23.3091

Same Dimension

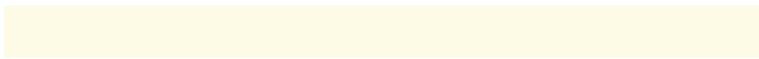
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6598, 88.3327, 87.3993



85.6529, 87.9126, 85.0913



89.0760, 95.1650, 88.5380



18.5926, 19.1535, 18.8614



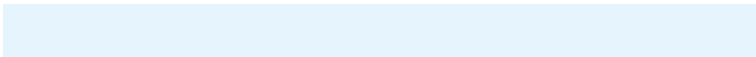
24.0564, 16.1241, 1.8443



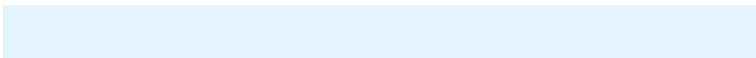
2.4449, 1.7751, 0.2138

Inverse Universe

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



82.7131, 88.6145, 105.6743



82.0690, 88.2551, 107.3172



79.4133, 82.0148, 104.5743



17.9230, 19.2175, 23.0147



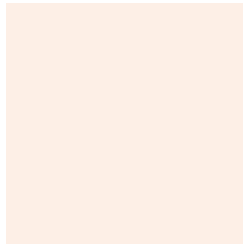
15.7202, 16.3499, 51.7619



1.6370, 1.8047, 5.0753

Previews

White Background



This preview shows how the XYZ color 85.6574, 88.3288, 87.3974 looks on a white background.

Color Contrast Check

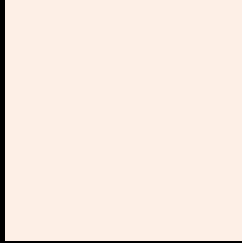
Large Text (above 18pt) WCAG AA × Fail

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 85.6574, 88.3288, 87.3974 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 85.6574, 88.3288, 87.3974

Background



This preview shows how black text looks on a background with the XYZ color 85.6574, 88.3288, 87.3974.



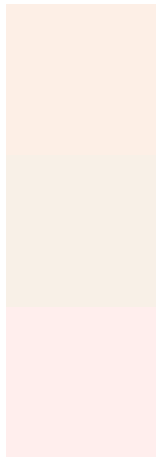
This preview shows how white text looks on a background with the XYZ color 85.6574, 88.3288,

87.3974.

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

85.6574, 88.3288, 87.3974

Protanopia

84.2953, 88.0462, 88.1531

Deuteranopia

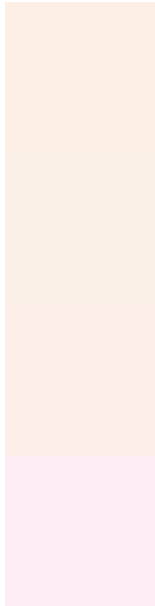
87.1006, 88.5235, 92.6168



Tritanopia

88.9651, 88.3428, 105.2914

Trichromacy



Original Color

85.6574, 88.3288, 87.3974

Protanomaly

85.0082, 88.4137, 88.1864

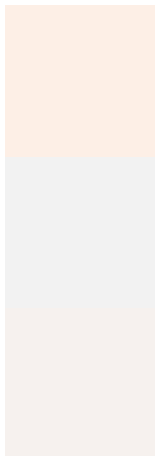
Deuteranomaly

86.2989, 88.1604, 90.3101

Tritanomaly

87.6387, 88.2318, 98.7976

Monochromacy



Original Color

85.6574, 88.3288, 87.3974

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8939, 88.6765, 93.5308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6574, 88.3288, 87.3974 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(253, 239, 230) looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 230)  
}
```

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(253, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 230) }
```

Border

The CSS property to change the border of an element to XYZ 85.6574, 88.3288, 87.3974 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(253, 239, 230) }
```


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

```
.border{ border-color:rgb(253, 239, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 239, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6574, 88.3288, 87.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 230) }
```

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

```
.background{ background-color: rgb(253,  
239, 230) }
```

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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