

Converting Colors

XYZ(86.0612, 88.8199, 88.4865)

Have a look what the booklet for
XYZ(86.0612, 88.8199, 88.4865)
contains.

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Color

**XYZ(86.0919, 88.9723,
88.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF0E7
RGB	253, 240, 231
RGB Percent	99%, 94%, 91%
CMY	0.0078, 0.0588, 0.0941
CMYK	0.00, 0.05, 0.09, 0.01
HSL	25°, 85%, 95%
HSV	25°, 9%, 99%
XYZ	86.0919, 88.9723, 88.2372
YIQ	242.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

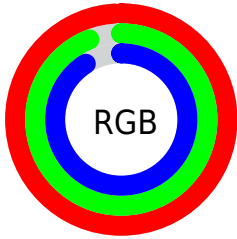
Format	Color
R _Y B	253, 246, 231
Decimal	16642279
CIE Lab	95.57, 2.88, 5.90
CIE LCh	96, 6.561, 63.998
Yxy	88.9723, 0.3270, 0.3379
Android (android.graphics.Color)	4294832359 (0xFFFD0E7)
YUV	242.8610, -5.8475, 8.8919
Hunter-Lab	94.3251, -2.1495, 10.5643

Details

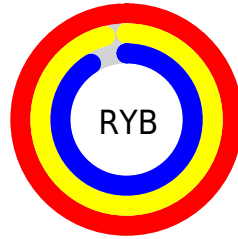
The XYZ color **86.0919, 88.9723, 88.2372** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0352, 88.7807, 105.6895**, and the grayscale version is **85.1221, 89.5551, 97.5255**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6433, 49.1119, 47.5259** is the 20% darker color. If you saturate the color by 10%, you get **78.5545, 79.2080, 69.3511**, and if you desaturate by 10%, it is **94.3028, 99.5916, 108.8606**.

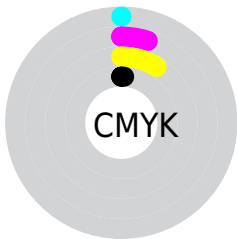
Distribution



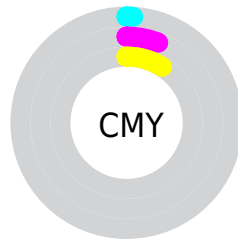
- Red (99%)
- Green (94%)
- Blue (91%)



- Red (99%)
- Yellow (96%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0919, 88.9723, 88.2372 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 86.0919, 88.9723, 88.2372 by changing the saturation by 10% instead.


 86.0919, 88.9723,
88.2372

 86.0919, 88.9723,
88.2372


503.6636,
524.6821, 542.7011

 65.0695, 67.1286,
65.9541


140.8039,
145.9100, 146.8014

 47.7823, 49.1891,
47.7789


175.2242,
181.7729, 183.9195

 33.8651, 34.7695,
33.2931


214.8412,
223.0775, 226.8198

 22.9524, 23.4854,
22.0781

260.0202,
270.2084, 275.9206

 14.6788, 14.9523,
13.7154

311.1266,
323.5499, 331.6406

 8.6791, 8.7859,
7.7865

368.5257,

 4.5879, 4.6018,

383.4864, 394.3984

3.8728

432.5829,
450.4024, 464.6124

■ 2.0398, 2.0156,
1.5558

■ 0.6562, 0.6165,
0.2590

■ 86.0919, 88.9723,
88.2372

■ 86.0919, 88.9723,
88.2372

■ 78.5545, 79.2080,
69.3511

94.3028, 99.5916,
108.8606

■ 71.8629, 70.3451,
53.1852

94.3185, 99.6229,
108.8658

■ 65.9868, 62.3597,
39.6138

■ 60.8913, 55.2231,
28.4990

■ 56.5386, 48.9043,
19.6902

■ 52.8871, 43.3704,
13.0194

■ 49.8906, 38.5856,
8.2961

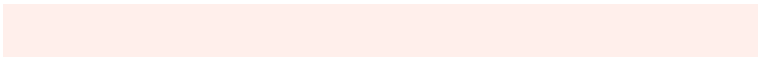
■ 47.4956, 34.5101,
5.2945

■ 45.6293, 31.0956,
3.6919

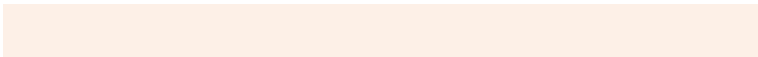
Harmonies

Analogous

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



87.4675, 88.9723, 91.4382



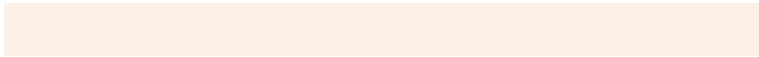
86.0919, 88.9723, 88.2372



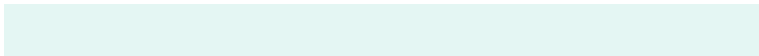
84.3244, 88.9723, 87.3203

Triad

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



86.0919, 88.9723, 88.2372



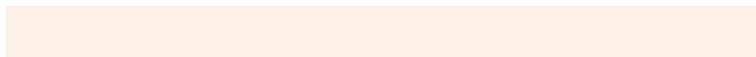
81.1597, 88.9723, 97.5685



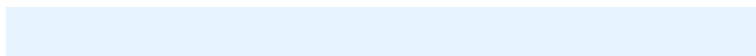
86.5156, 88.9723, 105.3279

Complementary

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



86.0919, 88.9723, 88.2372



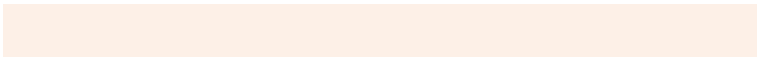
83.0352, 88.7807, 105.6895

Split Complementary

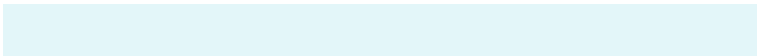
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8071, 88.9723, 107.1039



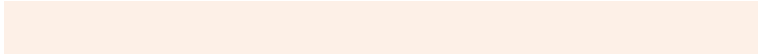
86.0919, 88.9723, 88.2372



81.7285, 88.9723, 102.5246

Square

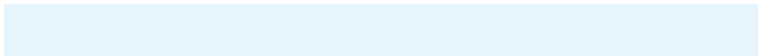
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0919, 88.9723, 88.2372



81.4928, 88.9723, 92.5949



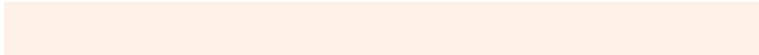
83.0573, 88.9723, 106.0604



87.7145, 88.9723, 101.2865

Rectangle

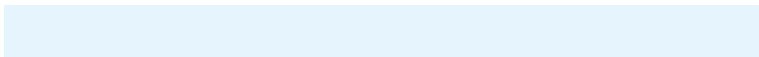
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0919, 88.9723, 88.2372



83.1657, 88.9723, 88.0996



83.0573, 88.9723, 106.0604



85.9810, 88.9723, 106.2161

Sweetspot

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



86.0944, 88.9762, 88.2391



92.4179, 96.6676, 102.0669



85.4446, 84.5796, 97.5705



19.6336, 20.5034, 21.4653



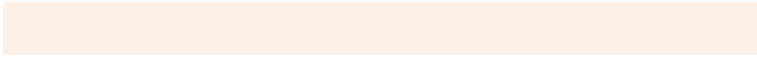
0.0000, 0.0000, 0.0000



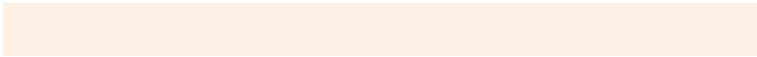
20.3446, 21.4041, 23.3091

Same Dimension

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



86.0944, 88.9762, 88.2391



86.5943, 89.2282, 87.1540



89.3676, 95.5228, 89.3302



18.6199, 19.2079, 18.8705



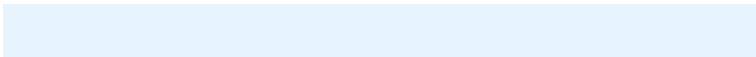
24.2929, 16.5970, 1.9232



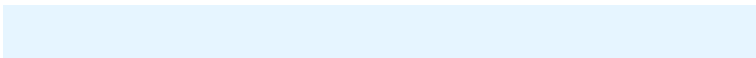
2.4696, 1.8245, 0.2220

Inverse Universe

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



83.0352, 88.7807, 105.6895



83.0433, 89.0011, 107.4098



79.8815, 82.4733, 104.6382



17.8950, 19.1616, 23.0053



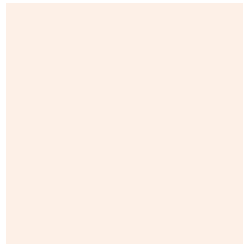
15.3336, 15.5768, 51.6330



1.6005, 1.7318, 5.0632

Previews

White Background



This preview shows how the XYZ color 86.0919, 88.9723, 88.2372 looks on a white background.

Color Contrast Check

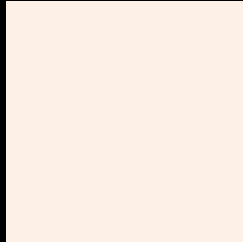
Large Text (above 18pt) WCAG AA × Fail

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 86.0919, 88.9723, 88.2372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

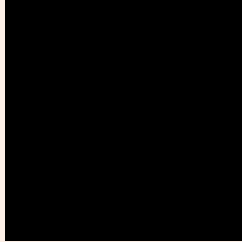
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.0919, 88.9723, 88.2372

Background



This preview shows how black text looks on a background with the XYZ color 86.0919, 88.9723, 88.2372.

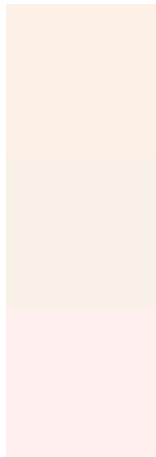


This preview shows how white text looks on a background with the XYZ color 86.0919, 88.9723,

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

86.0919, 88.9723, 88.2372

Protanopia

85.0877, 88.8765, 89.0142

Deuteranopia

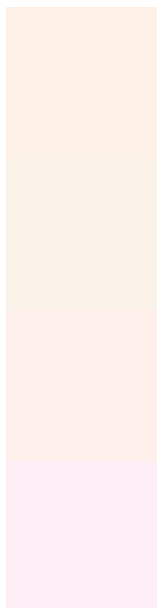
87.5391, 89.1661, 93.4859



Tritanopia

89.4136, 88.9841, 106.2290

Trichromacy



Original Color

86.0919, 88.9723, 88.2372

Protanomaly

85.4451, 89.0608, 89.0309

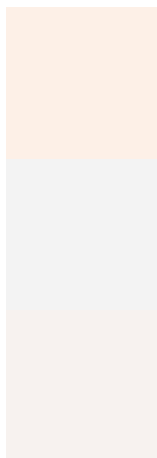
Deuteranomaly

86.7349, 88.8020, 91.1663

Tritanomaly

88.0821, 88.8737, 99.7007

Monochromacy



Original Color

86.0919, 88.9723, 88.2372

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.6899, 89.5104, 94.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0919, 88.9723, 88.2372 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, 240, 231) looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 231)  
}
```

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, 240, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 231) }
```

Border

The CSS property to change the border of an element to XYZ 86.0919, 88.9723, 88.2372 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, 240, 231) }
```


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

```
.border{ border-color:rgb(253, 240, 231) }
```

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

Here you see how a box with a 4 pixel rgb(253, 240, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0919, 88.9723, 88.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 231) }
```

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

```
.background{ background-color: rgb(253,  
240, 231) }
```

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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