

Converting Colors

XYZ(100.5976, 97.6163,
61.6781)

Have a look what the booklet for
XYZ(100.5976, 97.6163, 61.6781)
contains.

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Color

**XYZ(81.8806, 87.8447,
60.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1BD
RGB	255, 241, 189
RGB Percent	100%, 95%, 74%
CMY	0.0000, 0.0549, 0.2588
CMYK	0.00, 0.05, 0.26, 0.00
HSL	47°, 100%, 87%
HSV	47°, 26%, 100%
XYZ	81.8806, 87.8447, 60.7843
YIQ	239.2580, 25.0360, -13.2040

Conversions

Conversions Part 2

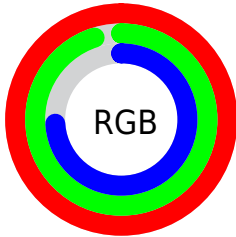
Format	Color
R_{YB}	207, 255, 189
Decimal	16773565
CIE _{Lab}	95.10, -3.10, 26.86
CIE _{LCh}	95, 27.043, 96.591
Y _{xy}	87.8447, 0.3552, 0.3811
Android (android.graphics.Color)	4294963645 (0xFFFFF1BD)
Y _{UV}	239.2580, -24.7772, 13.8057
Hunter-Lab	93.7255, -8.0782, 27.1562

Details

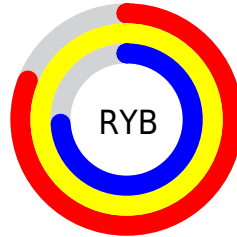
The XYZ color **81.8806, 87.8447, 60.7843** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.3917, 60.7490, 103.1505**, and the grayscale version is **82.4202, 86.7125, 94.4299**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **45.0108, 48.4530, 29.9017** is the 20% darker color. If you saturate the color by 10%, you get **77.7762, 83.6830, 46.9399**, and if you desaturate by 10%, it is **86.5234, 92.3039, 77.2113**.

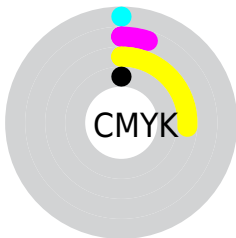
Distribution



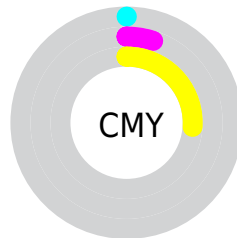
- Red (100%)
- Green (95%)
- Blue (74%)



- Red (81%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8806, 87.8447, 60.7843 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 81.8806, 87.8447, 60.7843 by changing the saturation by 10% instead.


 81.8806, 87.8447,
60.7843

 81.8806, 87.8447,
60.7843


489.8888,
520.9945, 445.3673

 61.5809, 66.1945,
43.6217


 134.9432,
144.3409, 107.5210

 44.9485, 48.4303,
30.0382


168.4369,
179.9557, 137.9323

 31.6179, 34.1678,
19.6153


207.0592,
220.9941, 173.5967

 21.2240, 23.0225,
11.9344

251.1756,
267.8406, 214.9331

 13.4012, 14.6101,
6.5770

301.1514,
320.8794, 262.3597

 7.7843, 8.5462,
3.1246

357.3520,

 4.0079, 4.4464,

380.4951, 316.2953

1.1586

420.1426,
447.0720, 377.1583

■ 1.7066, 1.9263,
0.0000

■ 0.4604, 0.5641,
0.0000

■ 81.8806, 87.8447,
60.7843

■ 81.8806, 87.8447,
60.7843

■ 77.7762, 83.6830,
46.9399

■ 86.5234, 92.3039,
77.2113

■ 74.1781, 79.7960,
35.5381

■ 91.7224, 97.0592,
96.3398

■ 71.0601, 76.1758,
26.4344

95.0500, 100.0000,
108.9000

■ 68.3909, 72.8093,
19.4663

■ 66.1355, 69.6815,
14.4503

■ 64.2525, 66.7754,
11.1717

■ 62.6910, 64.0699,
9.3643

■ 62.1108, 63.0016,
8.8869

Harmonies

Analogous

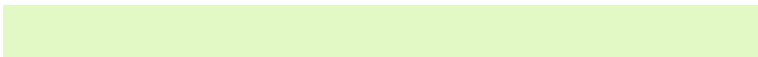
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2407, 87.8447, 63.0794



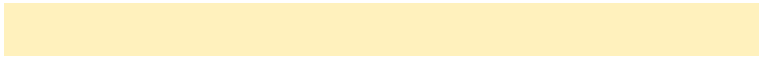
81.8806, 87.8447, 60.7843



75.3423, 87.8447, 66.6685

Triad

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



81.8806, 87.8447, 60.7843



72.6434, 87.8447, 121.8864



97.1594, 87.8447, 112.6626

Complementary

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



81.8806, 87.8447, 60.7843



60.3917, 60.7490, 103.1505

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.



92.2129, 87.8447, 132.0018



81.8806, 87.8447, 60.7843



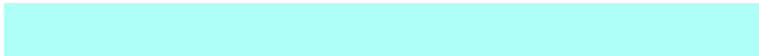
77.9990, 87.8447, 137.8501

Square

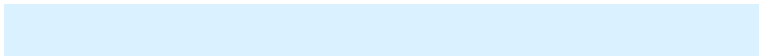
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8806, 87.8447, 60.7843



70.2153, 87.8447, 100.3737



85.1280, 87.8447, 141.8001



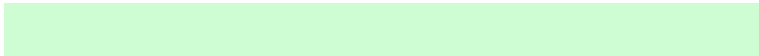
98.3489, 87.8447, 91.0729

Rectangle

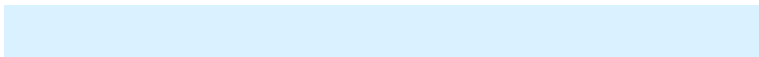
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8806, 87.8447, 60.7843



72.2335, 87.8447, 75.0308



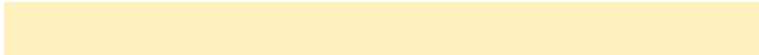
85.1280, 87.8447, 141.8001



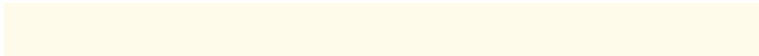
95.8673, 87.8447, 119.7331

Sweetspot

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



81.8827, 87.8486, 60.7861



90.5733, 96.0263, 92.0558



70.2536, 61.9823, 64.9496



19.2151, 20.3984, 19.0689



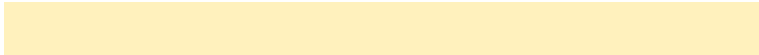
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

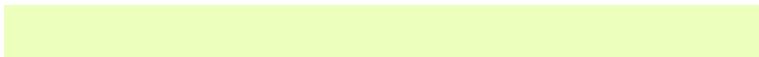
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8827, 87.8486, 60.7861



79.7157, 85.6809, 53.3850



79.6375, 93.0786, 61.9140



19.2151, 20.3984, 19.0689



32.5670, 33.1453, 4.6812



3.2487, 3.3828, 0.4817

Inverse Universe

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



60.3917, 60.7490, 103.1505



54.9493, 54.4566, 102.2228



62.1766, 56.9828, 102.3295



17.3151, 18.0018, 22.8120



10.2090, 5.3276, 49.9248



1.0689, 0.6686, 4.8860

Previews

White Background



This preview shows how the XYZ color 81.8806, 87.8447, 60.7843 looks on a white background.

Color Contrast Check

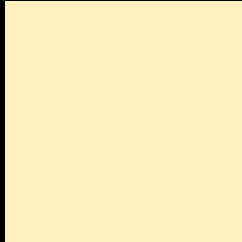
Large Text (above 18pt) WCAG AA × Fail

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 81.8806, 87.8447, 60.7843 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 81.8806, 87.8447, 60.7843

Background



This preview shows how black text looks on a background with the XYZ color 81.8806, 87.8447, 60.7843.



This preview shows how white text looks on a background with the XYZ color 81.8806, 87.8447,

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

81.8806, 87.8447, 60.7843

Protanopia

82.5456, 88.1107, 64.2862

Deuteranopia

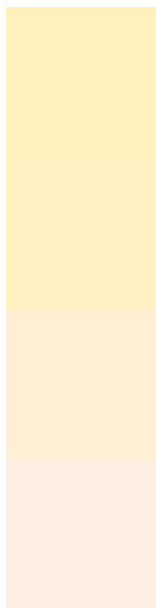
85.5420, 87.9001, 84.4094



Tritanopia

88.0240, 87.9663, 100.3355

Trichromacy



Original Color

81.8806, 87.8447, 60.7843

Protanomaly

82.3209, 88.0208, 63.1030

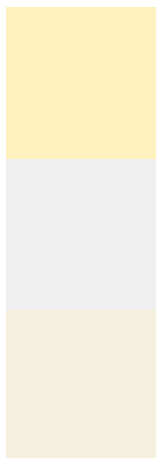
Deuteranomaly

84.1167, 87.7971, 75.4639

Tritanomaly

85.5420, 87.9001, 84.4094

Monochromacy



Original Color

81.8806, 87.8447, 60.7843

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.8674, 86.9531, 80.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8806, 87.8447, 60.7843 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, 241, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 189)  
}
```

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, 241, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 189) }
```

Border

The CSS property to change the border of an element to XYZ 81.8806, 87.8447, 60.7843 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, 241, 189) }
```


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

```
.border{ border-color:rgb(255, 241, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8806, 87.8447, 60.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 189) }
```

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

```
.background{ background-color: rgb(255,  
241, 189) }
```

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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