

Converting Colors

XYZ(86.8416, 96.2031, 88.8757)

Have a look what the booklet for
XYZ(86.8416, 96.2031, 88.8757)
contains.

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Color

**XYZ(87.0051, 96.2879,
88.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFE6
RGB	243, 255, 230
RGB Percent	95%, 100%, 90%
CMY	0.0471, 0.0000, 0.0980
CMYK	0.05, 0.00, 0.10, 0.00
HSL	89°, 100%, 95%
HSV	89°, 10%, 100%
XYZ	87.0051, 96.2879, 88.8627
YIQ	248.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

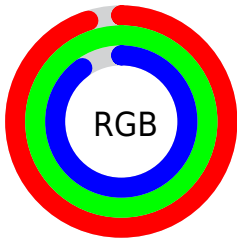
Format	Color
R_{YB}	230, 255, 242
Decimal	15990758
CIE _{Lab}	98.55, -8.25, 10.59
CIE _{LCh}	99, 13.428, 127.931
Yxy	96.2879, 0.3197, 0.3538
Android (android.graphics.Color)	4294180838 (0xFFFF3FFE6)
YUV	248.5620, -9.1511, -4.8779
Hunter-Lab	98.1264, -13.4518, 14.9958

Details

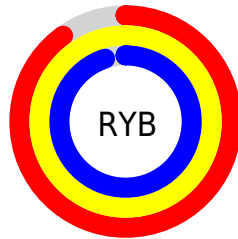
The XYZ color **87.0051, 96.2879, 88.8627** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9655, 82.6921, 106.1962**, and the grayscale version is **89.7547, 94.4289, 102.8331**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3276, 54.0090, 47.9220** is the 20% darker color. If you saturate the color by 10%, you get **79.5975, 92.8531, 71.1701**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

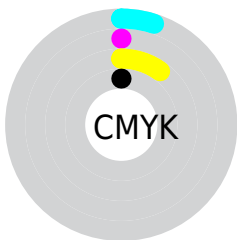
Distribution



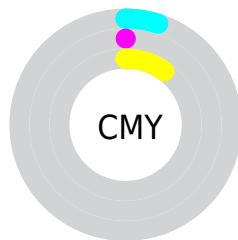
- Red (95%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0051, 96.2879, 88.8627 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 87.0051, 96.2879, 88.8627 by changing the saturation by 10% instead.


 87.0051, 96.2879,
88.8627

 87.0051, 96.2879,
88.8627


506.6239,
548.2799, 544.7986

 65.8275, 73.2074,
66.4694


142.0709,
156.0427, 147.6793

 48.3996, 54.1455,
48.1946


176.6897,
193.4857, 184.9397

 34.3560, 38.7180,
33.6200


216.5197,
236.4851, 227.9928

 23.3314, 26.5404,
22.3268

261.9262,
285.4251, 277.2572

 14.9604, 17.2284,
13.8966

313.2745,
340.6902, 333.1514

 8.8778, 10.3975,
7.9109

370.9300,

 4.7180, 5.6633,

402.6647, 396.0941

3.9510

435.2580,
471.7332, 466.5036

■ 2.1158, 2.6414,
1.5985

■ 0.6978, 0.9475,
0.2898

■ 87.0051, 96.2879,
88.8627

■ 87.0051, 96.2879,
88.8627

■ 79.5975, 92.8531,
71.1701

95.0500, 100.0000,
108.9000

■ 72.9667, 89.7608,
56.1287

■ 67.0834, 86.9988,
43.6116

■ 61.9155, 84.5536,
33.4799

■ 57.4282, 82.4104,
25.5813

■ 53.5830, 80.5533,
19.7458

■ 50.3366, 78.9642,
15.7789

■ 47.6384, 77.6220,
13.4491

■ 45.4111, 76.4950,
12.3860

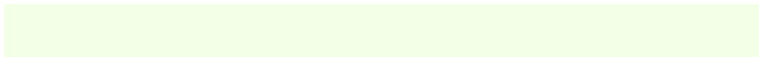
Harmonies

Analogous

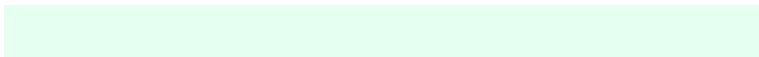
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4923, 96.2879, 85.0556



87.0051, 96.2879, 88.8627



84.7720, 96.2879, 97.0102

Triad

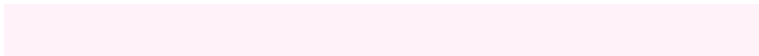
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0051, 96.2879, 88.8627



88.7419, 96.2879, 125.9336



99.1151, 96.2879, 101.9180

Complementary

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



87.0051, 96.2879, 88.8627



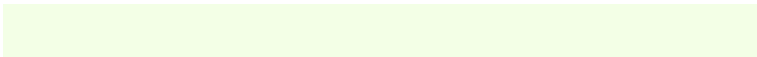
82.9655, 82.6921, 106.1962

Split Complementary

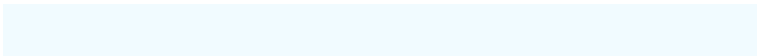
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.6144, 96.2879, 113.0825



87.0051, 96.2879, 88.8627



92.5530, 96.2879, 127.4791

Square

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



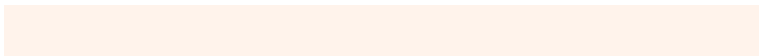
87.0051, 96.2879, 88.8627



85.7548, 96.2879, 118.5435



96.1859, 96.2879, 122.6286



97.5354, 96.2879, 92.2376

Rectangle

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



87.0051, 96.2879, 88.8627



84.2578, 96.2879, 104.0712



96.1859, 96.2879, 122.6286



99.1853, 96.2879, 105.6149

Sweetspot

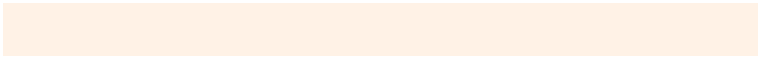
The Sweet Spot groups the original color and five complimentary colors.



87.0058, 96.2882, 88.8641



92.5046, 98.8273, 102.4792



87.1765, 90.2799, 87.6954



19.6569, 21.0872, 21.5768



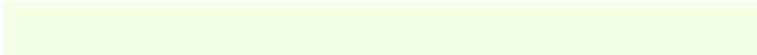
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

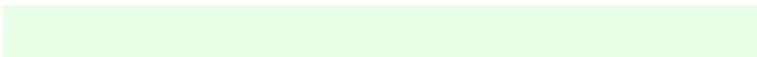
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0058, 96.2882, 88.8641



85.3102, 95.5035, 84.7435



82.9450, 94.1948, 88.6741



18.6728, 20.6327, 19.1427



23.8806, 40.0490, 6.4716



2.4514, 3.9645, 0.6360

Inverse Universe

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



82.9655, 82.6921, 106.1962



80.4395, 79.1125, 105.6384



87.2815, 84.9170, 106.3981



17.8326, 17.8055, 22.7469



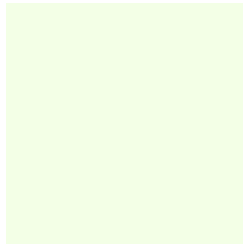
13.8249, 6.0375, 49.8713



1.4714, 0.6524, 4.8617

Previews

White Background



This preview shows how the XYZ color 87.0051, 96.2879, 88.8627 looks on a white background.

Color Contrast Check

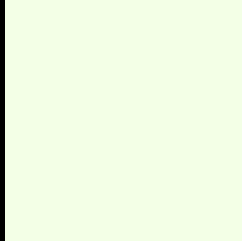
Large Text (above 18pt) WCAG AA × Fail

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 87.0051, 96.2879, 88.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

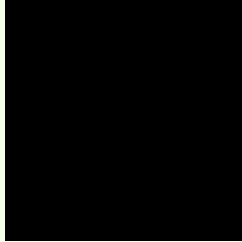
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

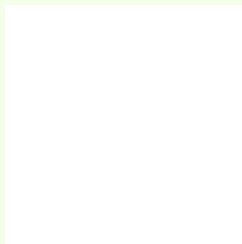
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0051, 96.2879, 88.8627

Background



This preview shows how black text looks on a background with the XYZ color 87.0051, 96.2879, 88.8627.



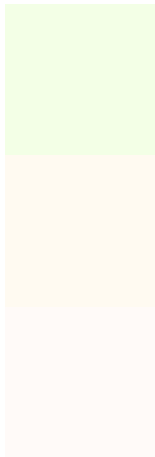
This preview shows how white text looks on a background with the XYZ color 87.0051, 96.2879,

88.8627.

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

87.0051, 96.2879, 88.8627

Protanopia

91.3028, 95.9821, 96.9333

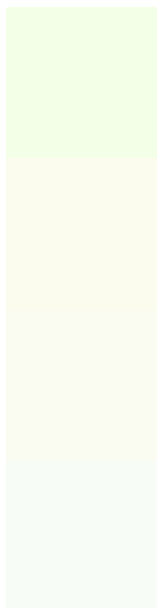
Deuteranopia

92.3689, 96.4085, 102.5473

Tritanopia

91.6599, 95.9152, 108.2902

Trichromacy



Original Color

87.0051, 96.2879, 88.8627

Protanomaly

89.8801, 96.2445, 93.9606

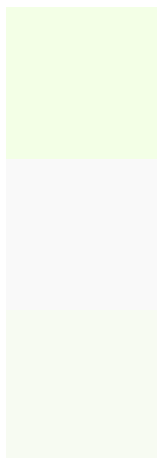
Deuteranomaly

90.4712, 96.4809, 97.0734

Tritanomaly

89.8027, 96.0488, 100.9949

Monochromacy



Original Color

87.0051, 96.2879, 88.8627

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

88.8820, 95.1793, 97.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0051, 96.2879, 88.8627 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(243, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 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(243, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 87.0051, 96.2879, 88.8627 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(243, 255, 230) }
```


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

```
.border{ border-color:rgb(243, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0051, 96.2879, 88.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 230) }
```

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

```
.background{ background-color: rgb(243,  
255, 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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