

Converting Colors

XYZ(86.5625, 95.7619, 89.5236)

Have a look what the booklet for
XYZ(86.5625, 95.7619, 89.5236)
contains.

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Color

**XYZ(86.4836, 95.5304,
89.4823)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F2FEE7 |
| RGB | 242, 254, 231 |
| RGB Percent | 95%, 100%, 91% |
| CMY | 0.0510, 0.0039, 0.0941 |
| CMYK | 0.05, 0.00, 0.09, 0.00 |
| HSL | 91°, 92%, 95% |
| HSV | 91°, 9%, 100% |
| XYZ | 86.4836, 95.5304, 89.4823 |
| YIQ | 247.7900, 0.2310, -9.6970 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 231, 254, 243 |
| Decimal | 15924967 |
| CIE _{Lab} | 98.25, -7.93, 9.64 |
| CIE _{LCh} | 98, 12.480, 129.439 |
| Yxy | 95.5304, 0.3185, 0.3519 |
| Android (android.graphics.Color) | 4294115047 (0xFFFF2FEE7) |
| YUV | 247.7900, -8.2775, -5.0778 |
| Hunter-Lab | 97.7397, -13.1011, 14.1368 |

Details

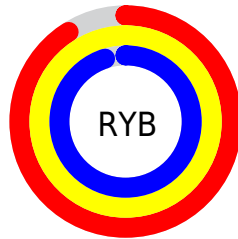
The XYZ color **86.4836, 95.5304, 89.4823** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4311, 83.3648, 105.4646**, and the grayscale version is **89.1193, 93.7604, 102.1051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9538, 53.4668, 48.3501** is the 20% darker color. If you saturate the color by 10%, you get **78.7681, 91.9406, 71.7337**, and if you desaturate by 10%, it is **94.7337, 99.3674, 108.7946**.

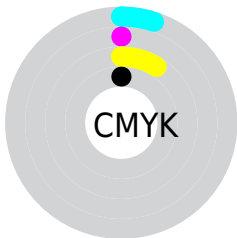
Distribution



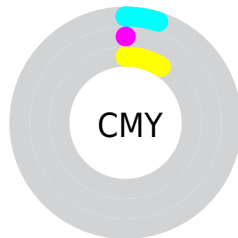
- Red (95%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (95%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.4836, 95.5304, 89.4823 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 86.4836, 95.5304, 89.4823 by changing the saturation by 10% instead.


 86.4836, 95.5304,
89.4823

 86.4836, 95.5304,
89.4823


504.9345,
545.8616, 546.8719

 65.3946, 72.5765,
66.9801


141.3475,
154.9972, 148.5483

 48.0470, 53.6298,
48.6069


175.8531,
192.2788, 185.9491

 34.0755, 38.3057,
33.9444


215.5615,
235.1052, 229.1533

 23.1148, 26.2201,
22.5738

260.8382,
283.8607, 278.5792

 14.7994, 16.9883,
14.0768

312.0485,
338.9297, 334.6455

 8.7641, 10.2262,
8.0348

369.5578,

 4.6435, 5.5492,

400.6966, 397.7707

4.0291

433.7313,
469.5457, 468.3733

■ 2.0723, 2.5729,
1.6413

■ 0.6741, 0.9131,
0.3201

■ 86.4836, 95.5304,
89.4823

■ 86.4836, 95.5304,
89.4823

■ 78.7681, 91.9406,
71.7337

94.7337, 99.3674,
108.7946

■ 71.8712, 88.7124,
56.6225

■ 65.7644, 85.8368,
44.0244

■ 60.4144, 83.2994,
33.8026

■ 55.7850, 81.0851,
25.8072

■ 51.8366, 79.1769,
19.8713

■ 48.5248, 77.5562,
15.8044

■ 45.7979, 76.2012,
13.3804

■ 43.5832, 75.0819,
12.2640

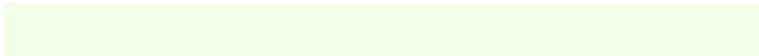
Harmonies

Analogous

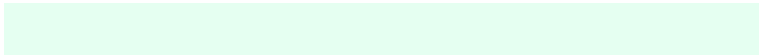
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6714, 95.5304, 85.7068



86.4836, 95.5304, 89.4823



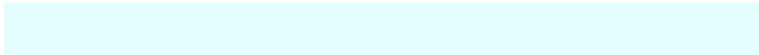
84.4873, 95.5304, 97.2261

Triad

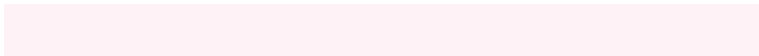
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4836, 95.5304, 89.4823



88.3958, 95.5304, 123.6475



97.7804, 95.5304, 100.8076

Complementary

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



86.4836, 95.5304, 89.4823



83.4311, 83.3648, 105.4646

Split Complementary

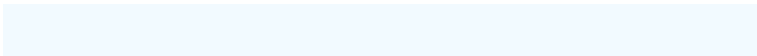
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.4170, 95.5304, 111.1156



86.4836, 95.5304, 89.4823



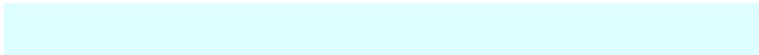
91.9356, 95.5304, 124.7638

Square

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



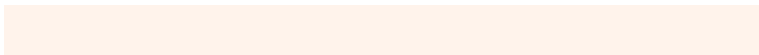
86.4836, 95.5304, 89.4823



85.5710, 95.5304, 117.0881



95.2552, 95.5304, 120.0447



96.2353, 95.5304, 91.9556

Rectangle

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



86.4836, 95.5304, 89.4823



84.0692, 95.5304, 103.8229



95.2552, 95.5304, 120.0447



97.8782, 95.5304, 104.2101

Sweetspot

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



86.4862, 95.5345, 89.4844



92.3891, 98.7677, 102.4738



87.3162, 90.8753, 88.5413



19.6257, 21.0711, 21.5753



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

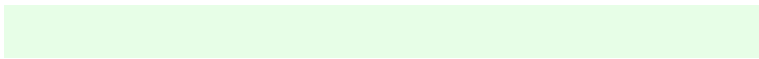
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4862, 95.5345, 89.4844



85.6766, 95.6520, 86.5839



82.8776, 93.6679, 89.5985



18.5979, 20.5941, 19.1392



23.0441, 39.6177, 6.4324



2.3689, 3.9220, 0.6322

Inverse Universe

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



83.4311, 83.3648, 105.4646



81.9820, 80.9352, 105.9089



87.2806, 85.3564, 105.3246



17.9075, 17.8441, 22.7504



14.6652, 6.4706, 49.9106



1.5541, 0.6951, 4.8655

Previews

White Background



This preview shows how the XYZ color 86.4836, 95.5304, 89.4823 looks on a white background.

Color Contrast Check

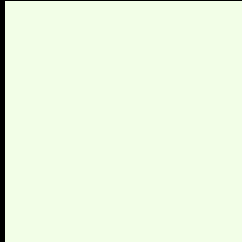
Large Text (above 18pt) WCAG AA × Fail

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 86.4836, 95.5304, 89.4823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

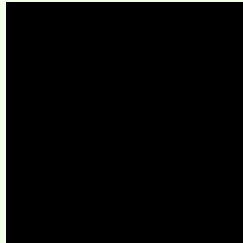
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

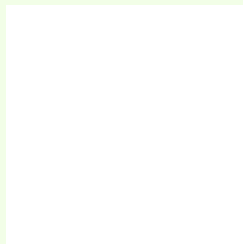
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.4836, 95.5304, 89.4823

Background



This preview shows how black text looks on a background with the XYZ color 86.4836, 95.5304, 89.4823.



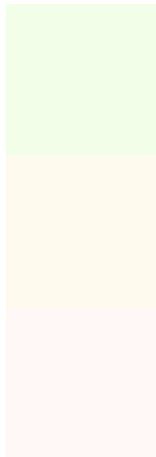
This preview shows how white text looks on a background with the XYZ color 86.4836, 95.5304,

89.4823.

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

86.4836, 95.5304, 89.4823

Protanopia

90.5483, 95.1844, 94.4889

Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

86.4836, 95.5304, 89.4823

Protanomaly

88.9169, 95.3165, 92.3088

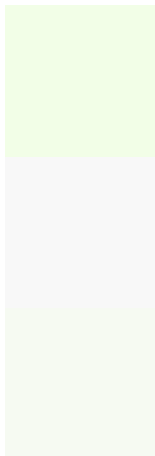
Deuteranomaly

89.4871, 95.0461, 96.8483

Tritanomaly

89.1378, 95.2410, 100.8741

Monochromacy



Original Color

86.4836, 95.5304, 89.4823

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2187, 94.3748, 97.5709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4836, 95.5304, 89.4823 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(242, 254, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 254, 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(242, 254, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 254, 231) }
```

Border

The CSS property to change the border of an element to XYZ 86.4836, 95.5304, 89.4823 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(242, 254, 231) }
```


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

```
.border{ border-color:rgb(242, 254, 231) }
```

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

Here you see how a box with a 4 pixel rgb(242, 254, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 254, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 254, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 254,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4836, 95.5304, 89.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 254, 231) }
```

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

```
.background{ background-color: rgb(242,  
254, 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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