

Converting Colors

XYZ(86.2433, 96.0635, 81.2217)

Have a look what the booklet for
XYZ(86.2433, 96.0635, 81.2217)
contains.

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Color

**XYZ(86.2024, 96.0470,
81.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFDB
RGB	245, 255, 219
RGB Percent	96%, 100%, 86%
CMY	0.0392, 0.0000, 0.1412
CMYK	0.04, 0.00, 0.14, 0.00
HSL	77°, 100%, 93%
HSV	77°, 14%, 100%
XYZ	86.2024, 96.0470, 81.0134
YIQ	247.9060, 5.5960, -13.3160

Conversions

Conversions Part 2

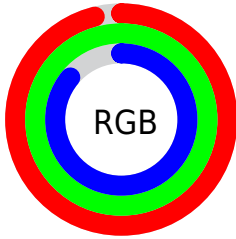
Format	Color
R_{YB}	219, 255, 229
Decimal	16121819
CIE _{Lab}	98.45, -9.34, 16.10
CIE _{LCh}	98, 18.613, 120.119
Yxy	96.0470, 0.3274, 0.3648
Android (android.graphics.Color)	4294311899 (0xFFFF5FFDB)
YUV	247.9060, -14.2507, -2.5486
Hunter-Lab	98.0036, -14.5005, 19.5912

Details

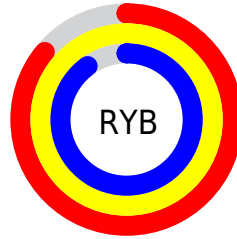
The XYZ color **86.2024, 96.0470, 81.0134** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.6954, 74.5423, 105.0063**, and the grayscale version is **89.2552, 93.9034, 102.2608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8812, 53.8873, 42.9996** is the 20% darker color. If you saturate the color by 10%, you get **80.6742, 93.5557, 64.5523**, and if you desaturate by 10%, it is **92.3408, 98.7933, 100.1903**.

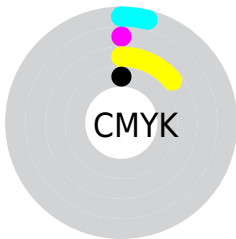
Distribution



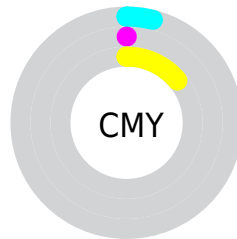
- Red (96%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2024, 96.0470, 81.0134 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 86.2024, 96.0470, 81.0134 by changing the saturation by 10% instead.

86.2024, 96.0470,
81.0134

86.2024, 96.0470,
81.0134

504.0223,
547.5114, 518.1381

65.1612, 73.0067,
60.0216

140.9573,
155.7103, 136.6138

47.8570, 53.9814,
43.0106

175.4016,
193.1021, 172.0595

33.9244, 38.5868,
29.5620

215.0444,
236.0464, 213.1602

22.9982, 26.4385,
19.2571

260.2510,
284.9278, 260.3345

14.7128, 17.1519,
11.6775

311.3867,
340.1306, 314.0009

8.7031, 10.3429,
6.4046

368.8170,

4.6036, 5.6269,

402.0392, 374.5779

3.0199

432.9070,
471.0380, 442.4841

■ 2.0489, 2.6196,
1.1048

■ 0.6612, 0.9365,
0.0000

■ 86.2024, 96.0470,
81.0134

■ 86.2024, 96.0470,
81.0134

■ 80.6742, 93.5557,
64.5523

■ 92.3408, 98.7933,
100.1903

■ 75.7299, 91.3087,
50.6797

95.0500, 100.0000,
108.9000

■ 71.3440, 89.2958,
39.2648

■ 67.4880, 87.5055,
30.1635

■ 64.1307, 85.9250,
23.2166

■ 61.2369, 84.5402,
18.2449

■ 58.7660, 83.3348,
15.0405

■ 56.6685, 82.2887,
13.3486

■ 55.5680, 81.7314,
12.8470

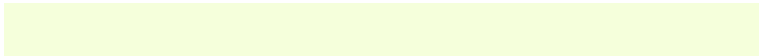
Harmonies

Analogous

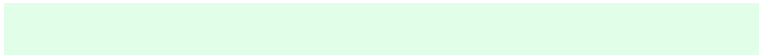
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2684, 96.0470, 77.6900



86.2024, 96.0470, 81.0134



82.6205, 96.0470, 90.5177

Triad

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



86.2024, 96.0470, 81.0134



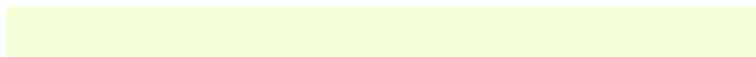
86.2381, 96.0470, 132.3929



102.0173, 96.0470, 104.5176

Complementary

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



86.2024, 96.0470, 81.0134



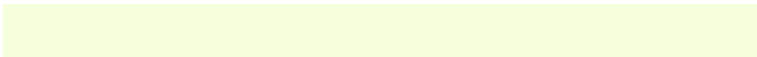
75.6954, 74.5423, 105.0063

Split Complementary

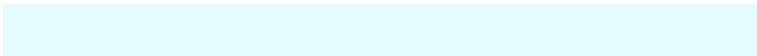
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.5452, 96.0470, 120.0256



86.2024, 96.0470, 81.0134



91.3112, 96.0470, 137.0502

Square

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



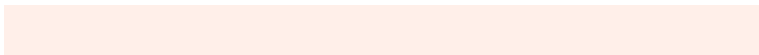
86.2024, 96.0470, 81.0134



82.6405, 96.0470, 120.1420



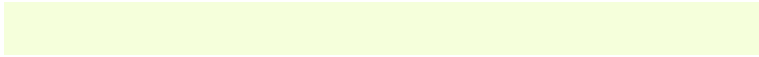
96.5735, 96.0470, 132.3211



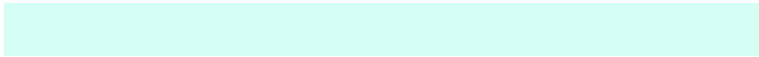
100.5224, 96.0470, 90.4213

Rectangle

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



86.2024, 96.0470, 81.0134



81.4839, 96.0470, 99.5823



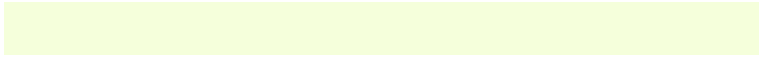
96.5735, 96.0470, 132.3211



101.8524, 96.0470, 109.7398

Sweetspot

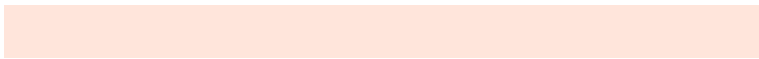
The Sweet Spot groups the original color and five complimentary colors.



86.2030, 96.0472, 81.0148



92.4162, 98.8270, 100.4309



81.9356, 82.1929, 78.5656



19.6773, 21.1068, 21.1663



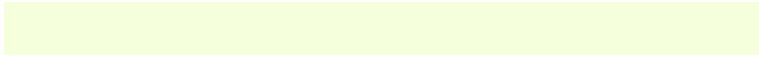
0.0000, 0.0000, 0.0000



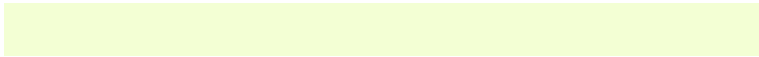
20.3446, 21.4041, 23.3091

Same Dimension

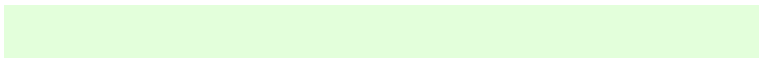
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2030, 96.0472, 81.0148



84.5475, 95.3032, 75.9953



80.3518, 93.0308, 80.7410



19.0404, 20.8223, 19.1599



29.1877, 42.7849, 6.7200



2.9480, 4.2205, 0.6593

Inverse Universe

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



75.6954, 74.5423, 105.0063



72.1509, 69.9301, 104.3028



81.5991, 77.5857, 105.2825



17.4766, 17.6219, 22.7302



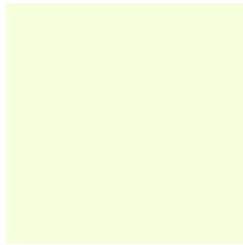
10.9062, 4.5328, 49.7347



1.1623, 0.4931, 4.8472

Previews

White Background



This preview shows how the XYZ color 86.2024, 96.0470, 81.0134 looks on a white background.

Color Contrast Check

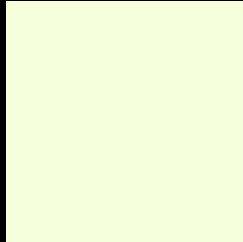
Large Text (above 18pt) WCAG AA × Fail

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 86.2024, 96.0470, 81.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

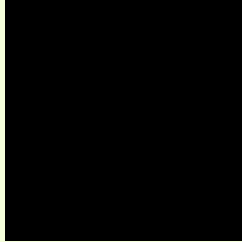
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

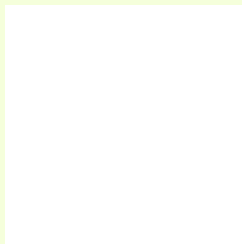
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2024, 96.0470, 81.0134

Background



This preview shows how black text looks on a background with the XYZ color 86.2024, 96.0470, 81.0134.



This preview shows how white text looks on a background with the XYZ color 86.2024, 96.0470,

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

86.2024, 96.0470, 81.0134

Protanopia

91.0056, 95.8632, 95.3683

Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

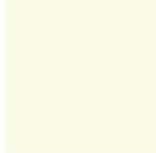
92.0193, 96.1004, 108.3070

Trichromacy



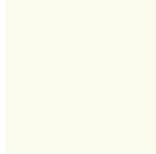
Original Color

86.2024, 96.0470, 81.0134



Protanomaly

89.1596, 95.9562, 90.1661



Deuteranomaly

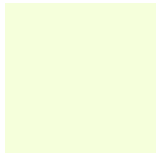
89.5669, 95.6180, 93.8562



Tritanomaly

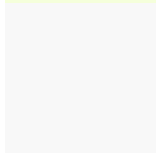
89.9043, 96.1713, 97.8289

Monochromacy



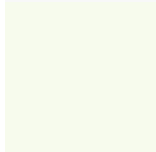
Original Color

86.2024, 96.0470, 81.0134



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.1410, 94.8829, 93.7895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2024, 96.0470, 81.0134 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(245, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 219)  
}
```

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(245, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 219) }
```

Border

The CSS property to change the border of an element to XYZ 86.2024, 96.0470, 81.0134 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(245, 255, 219) }
```


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

```
.border{ border-color:rgb(245, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2024, 96.0470, 81.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 219) }
```

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

```
.background{ background-color: rgb(245,  
255, 219) }
```

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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