

Converting Colors

XYZ(86.1925, 95.9981, 82.9885)

Have a look what the booklet for
XYZ(86.1925, 95.9981, 82.9885)
contains.

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Color

**XYZ(86.2530, 96.0270,
83.0963)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFDE
RGB	244, 255, 222
RGB Percent	96%, 100%, 87%
CMY	0.0431, 0.0000, 0.1294
CMYK	0.04, 0.00, 0.13, 0.00
HSL	80°, 100%, 94%
HSV	80°, 13%, 100%
XYZ	86.2530, 96.0270, 83.0963
YIQ	247.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

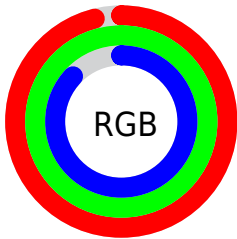
Format	Color
R_{YB}	222, 255, 233
Decimal	16056286
CIE _{Lab}	98.44, -9.21, 14.55
CIE _{LCh}	98, 17.217, 122.343
Yxy	96.0270, 0.3250, 0.3619
Android (android.graphics.Color)	4294246366 (0xFFFF4FFDE)
YUV	247.9490, -12.7929, -3.4633
Hunter-Lab	97.9934, -14.3741, 18.3187

Details

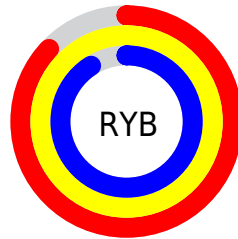
The XYZ color **86.2530, 96.0270, 83.0963** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.7764, 76.7874, 105.3299**, and the grayscale version is **89.2797, 93.9292, 102.2889**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9082, 53.8696, 44.4320** is the 20% darker color. If you saturate the color by 10%, you get **80.2077, 93.2760, 66.3013**, and if you desaturate by 10%, it is **92.9526, 99.0555, 102.6229**.

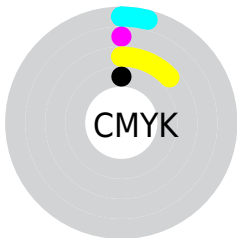
Distribution



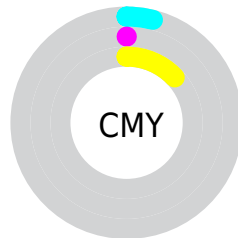
- Red (96%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2530, 96.0270, 83.0963 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 86.2530, 96.0270, 83.0963 by changing the saturation by 10% instead.

86.2530, 96.0270,
83.0963

86.2530, 96.0270,
83.0963

504.1865,
547.4476, 525.2868

65.2032, 72.9900,
61.7285

141.0275,
155.6827, 139.5608

47.8912, 53.9678,
44.3790

175.4829,
193.0702, 175.4945

33.9516, 38.5759,
30.6292

215.1375,
236.0100, 217.1207

23.0191, 26.4300,
20.0606

260.3567,
284.8866, 264.8579

14.7284, 17.1456,
12.2546

311.5059,
340.0842, 319.1245

8.7141, 10.3384,
6.7927

368.9503,

4.6108, 5.6239,

401.9873, 380.3392

3.2563

433.0554,
470.9803, 448.9204

■ 2.0531, 2.6177,
1.2269

■ 0.6635, 0.9356,
0.0008

■ 86.2530, 96.0270,
83.0963

■ 86.2530, 96.0270,
83.0963

■ 80.2077, 93.2760,
66.3013

■ 92.9526, 99.0555,
102.6229

■ 74.7899, 90.7915,
52.1117

95.0500, 100.0000,
108.9000

■ 69.9734, 88.5628,
40.3978

■ 65.7292, 86.5780,
31.0169

■ 62.0256, 84.8244,
23.8118

■ 58.8272, 83.2875,
18.6061

■ 56.0931, 81.9507,
15.1957

■ 53.7744, 80.7941,
13.3330

■ 52.3381, 80.0663,
12.6958

Harmonies

Analogous

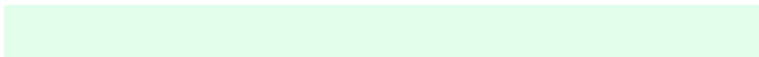
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8807, 96.0270, 79.5253



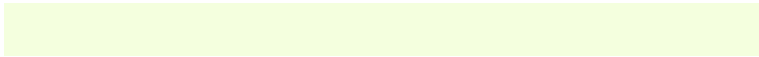
86.2530, 96.0270, 83.0963



83.0650, 96.0270, 92.3603

Triad

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



86.2530, 96.0270, 83.0963



86.9062, 96.0270, 130.7213



101.1563, 96.0270, 103.4423

Complementary

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



86.2530, 96.0270, 83.0963



77.7764, 76.7874, 105.3299

Split Complementary

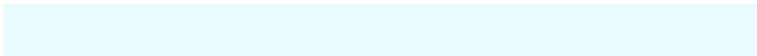
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.9999, 96.0270, 117.7830



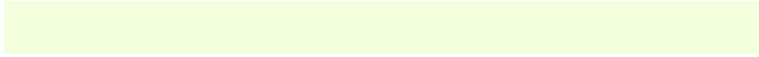
86.2530, 96.0270, 83.0963



91.6620, 96.0270, 134.3572

Square

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



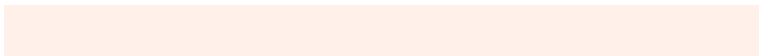
86.2530, 96.0270, 83.0963



83.4325, 96.0270, 119.8935



96.4795, 96.0270, 129.4271



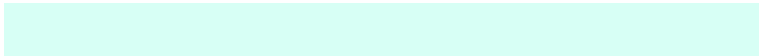
99.5853, 96.0270, 90.5877

Rectangle

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



86.2530, 96.0270, 83.0963



82.1232, 96.0270, 100.9524



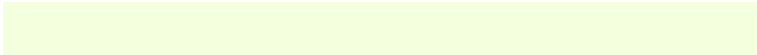
96.4795, 96.0270, 129.4271



101.0736, 96.0270, 108.2465

Sweetspot

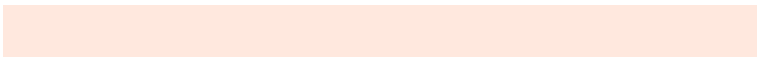
The Sweet Spot groups the original color and five complimentary colors.



86.2537, 96.0273, 83.0977



92.2111, 98.7212, 100.4213



83.4089, 84.5017, 81.0230



19.6253, 21.0800, 21.1639



0.0000, 0.0000, 0.0000



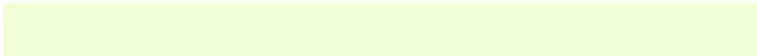
20.3446, 21.4041, 23.3091

Same Dimension

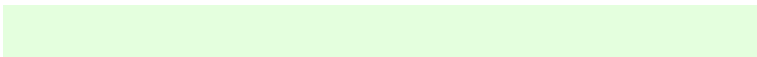
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2537, 96.0273, 83.0977



84.3356, 95.1566, 77.6744



80.9564, 93.2965, 82.8498



18.9385, 20.7697, 19.1551



27.5127, 41.9214, 6.6416



2.7948, 4.1415, 0.6521

Inverse Universe

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



77.7764, 76.7874, 105.3299



74.0786, 71.8757, 104.5768



83.2210, 79.5942, 105.5847



17.5734, 17.6718, 22.7347



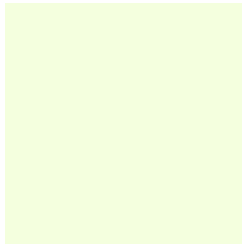
11.5295, 4.8542, 49.7639



1.2329, 0.5295, 4.8505

Previews

White Background



This preview shows how the XYZ color 86.2530, 96.0270, 83.0963 looks on a white background.

Color Contrast Check

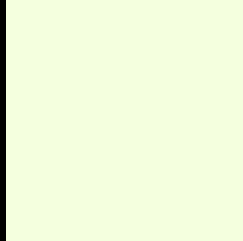
Large Text (above 18pt) WCAG AA × Fail

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 86.2530, 96.0270, 83.0963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

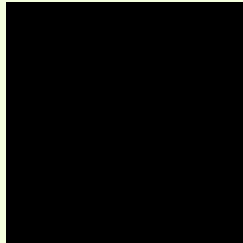
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

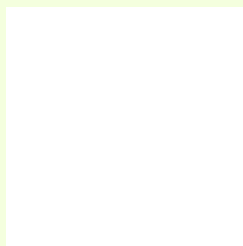
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2530, 96.0270, 83.0963

Background



This preview shows how black text looks on a background with the XYZ color 86.2530, 96.0270, 83.0963.



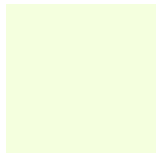
This preview shows how white text looks on a background with the XYZ color 86.2530, 96.0270,

83.0963.

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

86.2530, 96.0270, 83.0963

Protanopia

91.0056, 95.8632, 95.3683

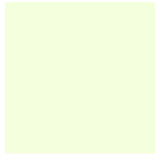
Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

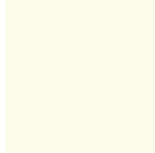
91.6599, 95.9152, 108.2902

Trichromacy



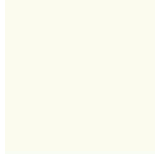
Original Color

86.2530, 96.0270, 83.0963



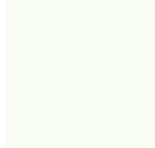
Protanomaly

89.3020, 96.0132, 90.9165



Deuteranomaly

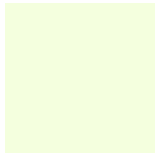
89.7135, 95.6766, 94.6280



Tritanomaly

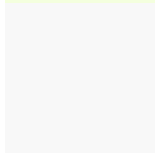
89.6995, 96.0483, 98.6055

Monochromacy



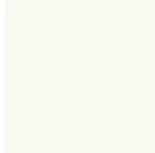
Original Color

86.2530, 96.0270, 83.0963



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.4349, 95.0005, 95.3373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2530, 96.0270, 83.0963 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(244, 255, 222) looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 222)  
}
```

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(244, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 86.2530, 96.0270, 83.0963 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(244, 255, 222) }
```


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

```
.border{ border-color:rgb(244, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2530, 96.0270, 83.0963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 222) }
```

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

```
.background{ background-color: rgb(244,  
255, 222) }
```

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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