

Converting Colors

XYZ(86.7195, 96.0513, 92.8866)

Have a look what the booklet for
XYZ(86.7195, 96.0513, 92.8866)
contains.

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Color

**XYZ(86.6906, 96.0434,
92.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFE8
RGB	240, 255, 235
RGB Percent	94%, 100%, 92%
CMY	0.0588, 0.0000, 0.0784
CMYK	0.06, 0.00, 0.08, 0.00
HSL	105°, 100%, 96%
HSV	105°, 8%, 100%
XYZ	86.6906, 96.0434, 92.5664
YIQ	248.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

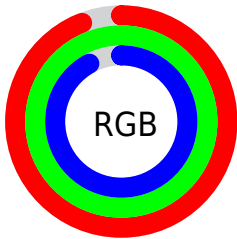
Format	Color
R_{YB}	235, 255, 250
Decimal	15794155
CIE _{Lab}	98.45, -8.42, 7.86
CIE _{LCh}	98, 11.521, 136.967
Yxy	96.0434, 0.3149, 0.3489
Android (android.graphics.Color)	4293984235 (0xFFFF0FFEB)
YUV	248.2350, -6.5249, -7.2221
Hunter-Lab	98.0017, -13.6051, 12.5995

Details

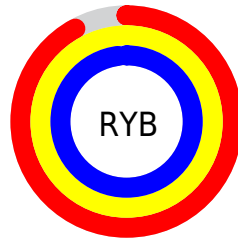
The XYZ color 86.6906, 96.0434, 92.5664 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1833, 86.9618, 106.7980, and the grayscale version is 89.4680, 94.1273, 102.5046.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.0979, 53.8332, 50.5036 is the 20% darker color. If you saturate the color by 10%, you get 77.1122, 91.5012, 74.2452, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

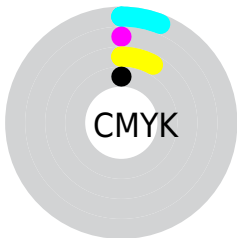
Distribution



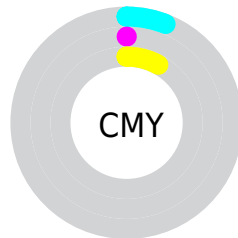
- Red (94%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6906, 96.0434, 92.5664 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 86.6906, 96.0434, 92.5664 by changing the saturation by 10% instead.


 86.6906, 96.0434,
92.5664

 86.6906, 96.0434,
92.5664


505.6055,
547.4999, 557.1284

 65.5664, 73.0037,
69.5255

141.6347,
155.7053, 152.8647

 48.1869, 53.9790,
50.6654


176.1853,
193.0963, 190.9591

 34.1868, 38.5849,
35.5675


215.9420,
236.0399, 234.9085

 23.2007, 26.4369,
23.8133

261.2702,
284.9204, 285.1314

 14.8633, 17.1508,
14.9843

312.5353,
340.1223, 342.0463

 8.8092, 10.3421,
8.6618

370.1027,

 4.6730, 5.6263,

402.0299, 406.0717

4.4275

434.3376,
471.0277, 477.6263

■ 2.0895, 2.6192,
1.8627

■ 0.6835, 0.9363,
0.4688

■ 86.6906, 96.0434,
92.5664

■ 86.6906, 96.0434,
92.5664

■ 77.1122, 91.5012,
74.2452

95.0500, 100.0000,
108.9000

■ 68.7020, 87.5028,
58.6172

■ 61.4148, 84.0276,
45.5568

■ 55.2012, 81.0532,
34.9264

■ 50.0080, 78.5555,
26.5758

■ 45.7775, 76.5083,
20.3379

■ 42.4453, 74.8825,
16.0227

■ 39.9382, 73.6453,
13.4065

■ 38.1656, 72.7566,
12.1899

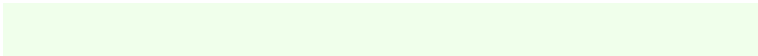
Harmonies

Analogous

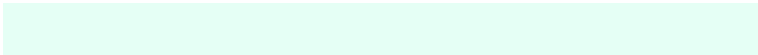
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4326, 96.0434, 88.0152



86.6906, 96.0434, 92.5664



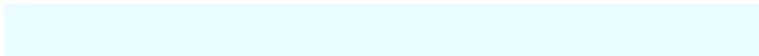
85.1960, 96.0434, 100.4984

Triad

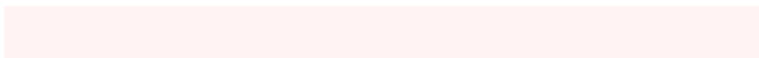
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6906, 96.0434, 92.5664



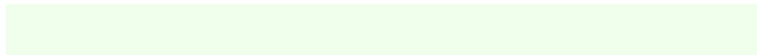
89.8516, 96.0434, 123.4546



97.5415, 96.0434, 99.3201

Complementary

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



86.6906, 96.0434, 92.5664



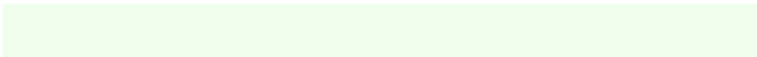
87.1833, 86.9618, 106.7980

Split Complementary

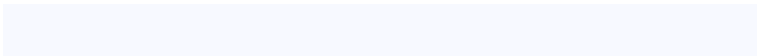
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6603, 96.0434, 108.7602



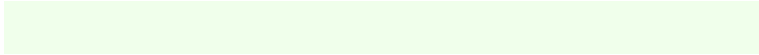
86.6906, 96.0434, 92.5664



93.1656, 96.0434, 123.0914

Square

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



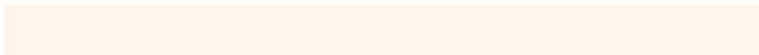
86.6906, 96.0434, 92.5664



86.9909, 96.0434, 118.5437



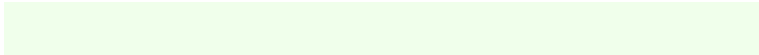
96.0418, 96.0434, 117.5796



95.7209, 96.0434, 91.7490

Rectangle

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



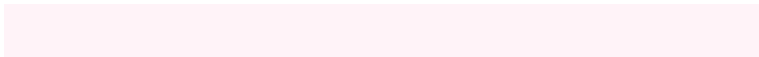
86.6906, 96.0434, 92.5664



85.0838, 96.0434, 106.8126



96.0418, 96.0434, 117.5796



97.7833, 96.0434, 102.3687

Sweetspot

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



86.6914, 96.0438, 92.5679



92.8464, 98.9576, 104.5675



90.3179, 95.4228, 92.2569



19.8961, 21.1919, 22.4271



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.



86.6914, 96.0438, 92.5679



85.5213, 95.4895, 90.3050



85.7005, 95.4541, 96.0874



18.1970, 20.3875, 19.1204



19.8956, 37.9946, 6.2851



2.0320, 3.7483, 0.6164

Inverse Universe

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



87.1833, 86.9618, 106.7980



86.0812, 85.1493, 106.5062



88.2566, 87.6008, 102.9742



18.3231, 18.0583, 22.7698



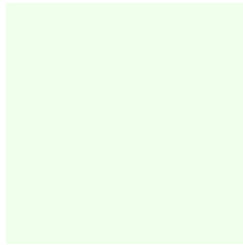
20.8348, 9.6512, 50.1993



2.1284, 0.9911, 4.8924

Previews

White Background



This preview shows how the XYZ color 86.6906, 96.0434, 92.5664 looks on a white background.

Color Contrast Check

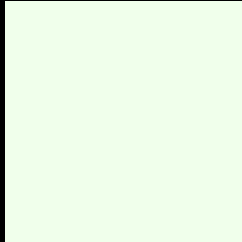
Large Text (above 18pt) WCAG AA × Fail

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 86.6906, 96.0434, 92.5664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

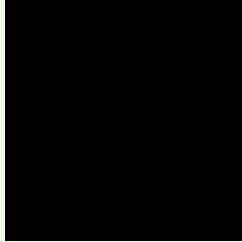
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

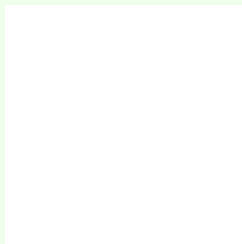
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6906, 96.0434, 92.5664

Background



This preview shows how black text looks on a background with the XYZ color 86.6906, 96.0434, 92.5664.



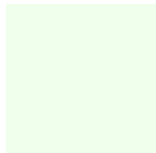
This preview shows how white text looks on a background with the XYZ color 86.6906, 96.0434,

92.5664.

Color Blindness Simulation

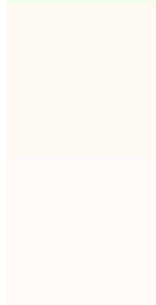
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.6906, 96.0434, 92.5664



Protanopia

91.3028, 95.9821, 96.9333

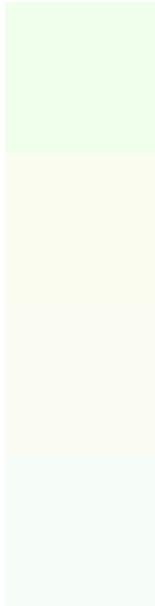
Deuteranopia

92.0590, 95.7887, 102.4440

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.6906, 96.0434, 92.5664

Protanomaly

89.8147, 96.1768, 95.4916

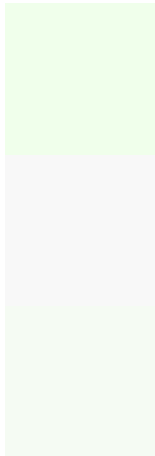
Deuteranomaly

90.0992, 95.7894, 98.5345

Tritanomaly

89.7597, 95.9909, 102.6042

Monochromacy



Original Color

86.6906, 96.0434, 92.5664

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.3310, 94.8779, 98.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6906, 96.0434, 92.5664 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(240, 255, 235) looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 235)  
}
```

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(240, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 86.6906, 96.0434, 92.5664 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(240, 255, 235) }
```


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

```
.border{ border-color:rgb(240, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6906, 96.0434, 92.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 235) }
```

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

```
.background{ background-color: rgb(240,  
255, 235) }
```

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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