

Converting Colors

XYZ(88.7349, 100.0000,
94.3765)

Have a look what the booklet for
XYZ(88.7349, 100.0000, 94.3765)
contains.

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Color

**XYZ(86.9812, 96.1597,
94.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFED
RGB	240, 255, 237
RGB Percent	94%, 100%, 93%
CMY	0.0588, 0.0000, 0.0706
CMYK	0.06, 0.00, 0.07, 0.00
HSL	110°, 100%, 96%
HSV	110°, 7%, 100%
XYZ	86.9812, 96.1597, 94.0970
YIQ	248.4630, -3.1620, -8.7780

Conversions

Conversions Part 2

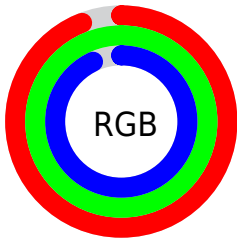
Format	Color
R_{YB}	237, 255, 252
Decimal	15794157
CIE Lab	98.50, -8.08, 6.90
CIE LCh	98, 10.627, 139.488
Yxy	96.1597, 0.3137, 0.3468
Android (android.graphics.Color)	4293984237 (0xFFFF0FFED)
YUV	248.4630, -5.6513, -7.4221
Hunter-Lab	98.0611, -13.2754, 11.7495

Details

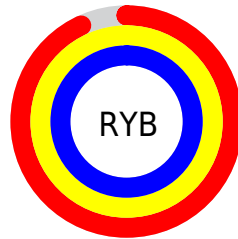
The XYZ color **86.9812, 96.1597, 94.0970** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4798, 88.4850, 107.0237**, and the grayscale version is **89.6481, 94.3168, 102.7110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3017, 53.9147, 51.5769** is the 20% darker color. If you saturate the color by 10%, you get **76.7195, 91.2699, 75.5317**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

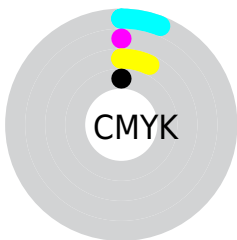
Distribution



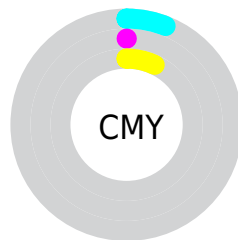
- Red (94%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.9812, 96.1597, 94.0970 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 86.9812, 96.1597, 94.0970 by changing the saturation by 10% instead.


 86.9812, 96.1597,
94.0970

 86.9812, 96.1597,
94.0970


506.5466,
547.8710, 562.1804

 65.8076, 73.1006,
70.7909


142.0377,
155.8658, 155.0013

 48.3834, 54.0582,
51.6908


176.6514,
193.2816, 193.4366

 34.3431, 38.6482,
36.3781


216.4758,
236.2517, 237.7520

 23.3214, 26.4862,
24.4344

261.8763,
285.1605, 288.3662

 14.9530, 17.1877,
15.4410

313.2183,
340.3924, 345.6975

 8.8725, 10.3684,
8.9794

370.8671,

 4.7146, 5.6439,

402.3319, 410.1647

4.6311

435.1881,
471.3633, 482.1861

■ 2.1138, 2.6298,
1.9776

■ 0.6967, 0.9417,
0.5414

■ 86.9812, 96.1597,
94.0970

■ 86.9812, 96.1597,
94.0970

■ 76.7195, 91.2699,
75.5317

95.0500, 100.0000,
108.9000

■ 67.7805, 87.0033,
59.6763

■ 60.1104, 83.3350,
46.4055

■ 53.6509, 80.2379,
35.5821

■ 48.3391, 77.6828,
27.0566

■ 44.1062, 75.6377,
20.6628

■ 40.8756, 74.0675,
16.2123

■ 38.5603, 72.9319,
13.4839

■ 37.0557, 72.1832,
12.1951

Harmonies

Analogous

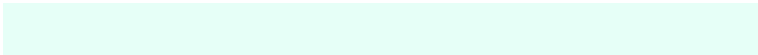
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4413, 96.1597, 89.5564



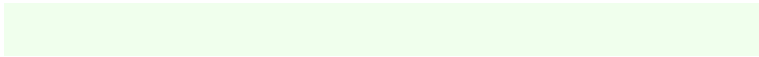
86.9812, 96.1597, 94.0970



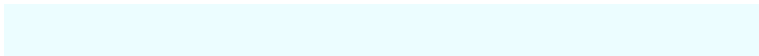
85.7139, 96.1597, 101.6469

Triad

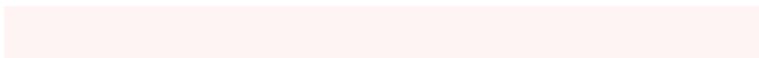
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9812, 96.1597, 94.0970



90.3240, 96.1597, 122.2224



97.0766, 96.1597, 99.1611

Complementary

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



86.9812, 96.1597, 94.0970



88.4798, 88.4850, 107.0237

Split Complementary

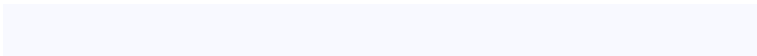
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3258, 96.1597, 107.8168



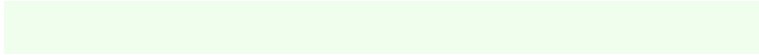
86.9812, 96.1597, 94.0970



93.3808, 96.1597, 121.4646

Square

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



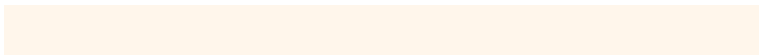
86.9812, 96.1597, 94.0970



87.6149, 96.1597, 118.0905



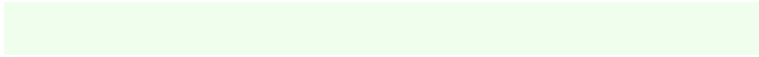
95.9596, 96.1597, 116.0744



95.2862, 96.1597, 92.3650

Rectangle

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



86.9812, 96.1597, 94.0970



85.6963, 96.1597, 107.5138



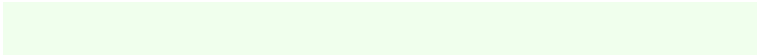
95.9596, 96.1597, 116.0744



97.3449, 96.1597, 101.9388

Sweetspot

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



86.9820, 96.1600, 94.0985



92.6933, 98.8787, 104.5603



91.3368, 96.9955, 94.0302



19.8649, 21.1759, 22.4257



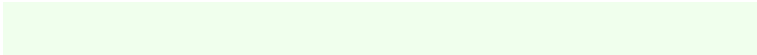
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.9820, 96.1600, 94.0985



85.9575, 95.6722, 92.2307



86.8635, 95.9960, 98.7459



18.0536, 20.3135, 19.1137



19.2771, 37.6758, 6.2561



1.9524, 3.7073, 0.6127

Inverse Universe

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



88.4798, 88.4850, 107.0237



87.6442, 87.0287, 106.7866



88.6237, 88.6690, 102.0669



18.4780, 18.1382, 22.7771



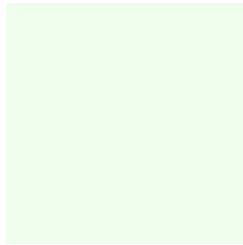
23.8044, 11.1821, 50.3383



2.3931, 1.1276, 4.9048

Previews

White Background



This preview shows how the XYZ color 86.9812, 96.1597, 94.0970 looks on a white background.

Color Contrast Check

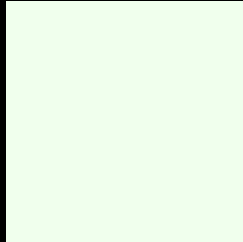
Large Text (above 18pt) WCAG AA × Fail

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 86.9812, 96.1597, 94.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

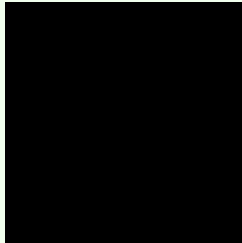
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

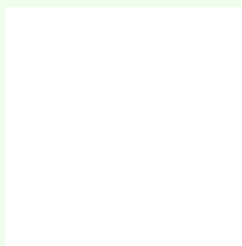
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.9812, 96.1597, 94.0970

Background



This preview shows how black text looks on a background with the XYZ color 86.9812, 96.1597, 94.0970.



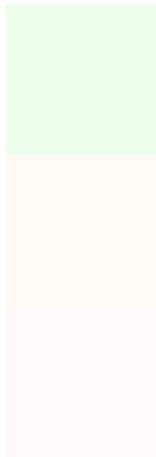
This preview shows how white text looks on a background with the XYZ color 86.9812, 96.1597,

94.070.

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

86.9812, 96.1597, 94.0970

Protanopia

91.4526, 96.0420, 97.7223

Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.9812, 96.1597, 94.0970

Protanomaly

89.9629, 96.2361, 96.2719

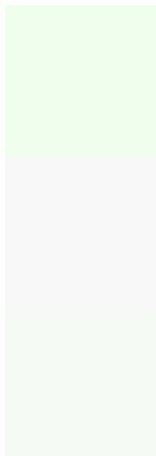
Deuteranomaly

90.4030, 95.9109, 100.1341

Tritanomaly

89.7597, 95.9909, 102.6042

Monochromacy



Original Color

86.9812, 96.1597, 94.0970

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4825, 94.9385, 99.2494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9812, 96.1597, 94.0970 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, 237) looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.9812, 96.1597, 94.0970 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, 237) }
```


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

```
.border{ border-color:rgb(240, 255, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9812, 96.1597, 94.0970 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, 237) }
```

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

```
.background{ background-color: rgb(240,  
255, 237) }
```

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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