

Converting Colors

XYZ(86.4263, 86.4009,
106.7296)

Have a look what the booklet for
XYZ(86.4263, 86.4009, 106.7296)
contains.

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Color

**XYZ(86.4697, 86.5931,
106.7644)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EBFF
RGB	248, 235, 255
RGB Percent	97%, 92%, 100%
CMY	0.0274, 0.0784, 0.0000
CMYK	0.03, 0.08, 0.00, 0.00
HSL	279°, 100%, 96%
HSV	279°, 8%, 100%
XYZ	86.4697, 86.5931, 106.7644
YIQ	241.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

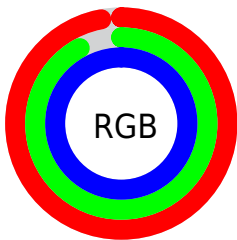
Format	Color
R _Y B	248, 235, 255
Decimal	16313343
CIE Lab	94.57, 7.91, -8.06
CIE LCh	95, 11.295, 314.440
Yxy	86.5931, 0.3090, 0.3095
Android (android.graphics.Color)	4294503423 (0xFF8EBFF)
YUV	241.1670, 6.8197, 5.9925
Hunter-Lab	93.0554, 3.0202, -2.8859

Details

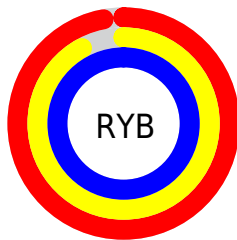
The XYZ color **86.4697, 86.5931, 106.7644** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3755, 96.3964, 92.6028**, and the grayscale version is **83.6899, 88.0483, 95.8846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0514, 47.5239, 60.0665** is the 20% darker color. If you saturate the color by 10%, you get **76.5971, 71.4335, 104.3587**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

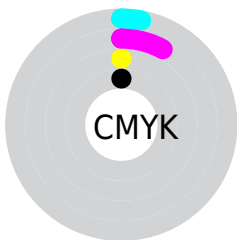
Distribution



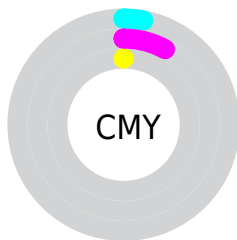
- Red (97%)
- Green (92%)
- Blue (100%)



- Red (97%)
- Yellow (92%)
- Blue (100%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4697, 86.5931, 106.7644 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 86.4697, 86.5931, 106.7644 by changing the saturation by 10% instead.

86.4697, 86.5931,
106.7644

86.4697, 86.5931,
106.7644

504.8894,
516.8849, 603.1000

65.3830, 65.1585,
81.3134

141.3282,
142.5969, 172.5551

48.0376, 47.5896,
60.2672

175.8308,
177.9348, 213.7318

34.0680, 33.5020,
43.2074

215.5360,
218.6761, 260.9875

23.1090, 22.5113,
29.7152

260.8092,
265.2049, 314.7408

14.7951, 14.2331,
19.3723

312.0158,
317.9059, 375.4101

8.7611, 8.2830,
11.7601

369.5211,

4.6416, 4.2765,

377.1632, 443.4141

6.4600

433.6906,
443.3614, 519.1712

■ 2.0711, 1.8294,
3.0535

■ 0.6734, 0.5054,
1.1220

■ 86.4697, 86.5931,
106.7644

■ 86.4697, 86.5931,
106.7644

■ 76.5971, 71.4335,
104.3587

95.0500, 100.0000,
108.9000

■ 67.8733, 58.3514,
102.2934

■ 60.2509, 47.2542,
100.5532

■ 53.6764, 38.0384,
99.1208

■ 48.0915, 30.5904,
97.9776

■ 43.4315, 24.7844,
97.1025

■ 39.6231, 20.4772,
96.4719

■ 36.5804, 17.5004,
96.0576

■ 34.1888, 15.6286,
95.8224

Harmonies

Analogous

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



83.7720, 86.5931, 111.4640



86.4697, 86.5931, 106.7644



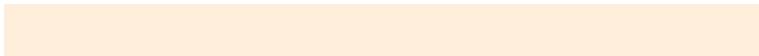
88.0712, 86.5931, 98.8527

Triad

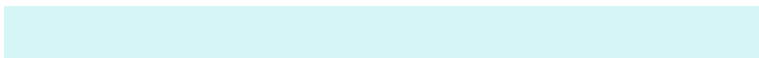
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4697, 86.5931, 106.7644



83.8839, 86.5931, 79.0442



76.7662, 86.5931, 98.5263

Complementary

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



86.4697, 86.5931, 106.7644



87.3755, 96.3964, 92.6028

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.



76.7945, 86.5931, 89.8605



86.4697, 86.5931, 106.7644



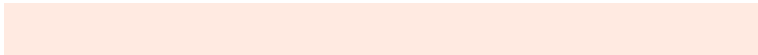
80.8535, 86.5931, 78.9688

Square

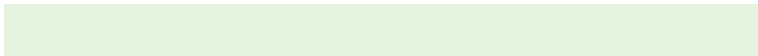
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



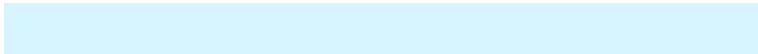
86.4697, 86.5931, 106.7644



86.5534, 86.5931, 83.0312



78.2746, 86.5931, 82.8183



78.1963, 86.5931, 106.5127

Rectangle

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



86.4697, 86.5931, 106.7644



88.2774, 86.5931, 92.9938



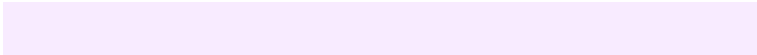
78.2746, 86.5931, 82.8183



76.6066, 86.5931, 95.5884

Sweetspot

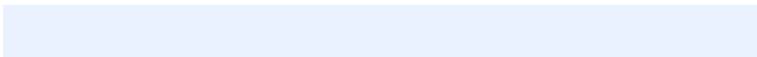
The Sweet Spot groups the original color and five complimentary colors.



86.4720, 86.5967, 106.7650



92.7909, 96.4521, 108.3343



84.1654, 88.5882, 107.2710



19.8848, 20.6819, 23.1939



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.



86.4720, 86.5967, 106.7650



85.2669, 84.7296, 106.4681



88.5737, 87.7294, 104.6384



18.1394, 17.9636, 22.7612



17.7886, 8.0808, 50.0568



1.8503, 0.8478, 4.8794

Inverse Universe

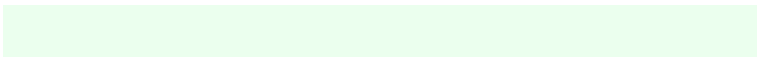
The Inverse Universe completely reimagines the original color for something new.



86.9776, 87.0910, 96.2336



85.8512, 85.2976, 94.4418



85.4072, 95.3369, 94.5366



18.2719, 18.0921, 20.0489



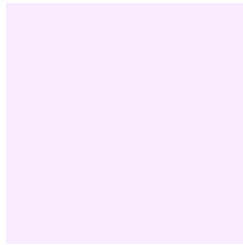
22.5601, 11.5133, 6.3340



2.2460, 1.1408, 0.8768

Previews

White Background



This preview shows how the XYZ color 86.4697, 86.5931, 106.7644 looks on a white background.

Color Contrast Check

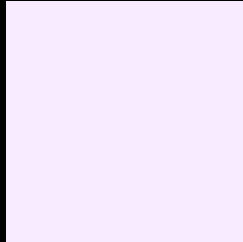
Large Text (above 18pt) WCAG AA × Fail

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 86.4697, 86.5931, 106.7644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

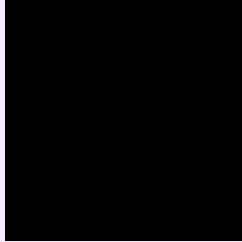
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.4697, 86.5931, 106.7644

Background



This preview shows how black text looks on a background with the XYZ color 86.4697, 86.5931, 106.7644.



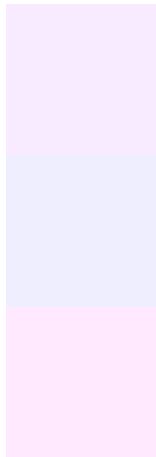
This preview shows how white text looks on a background with the XYZ color 86.4697, 86.5931,

106.7544.

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

86.4697, 86.5931, 106.7644

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

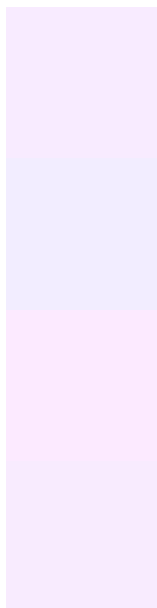
88.4289, 86.7578, 106.6930



Tritanopia

86.3091, 86.5289, 105.9187

Trichromacy



Original Color

86.4697, 86.5931, 106.7644

Protanomaly

84.9521, 86.6656, 106.8584

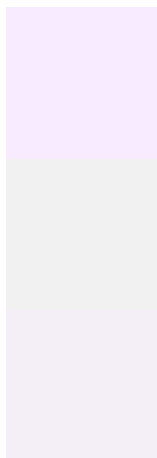
Deuteranomaly

87.6177, 86.7611, 106.7364

Tritanomaly

86.3091, 86.5289, 105.9187

Monochromacy



Original Color

86.4697, 86.5931, 106.7644

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.8093, 87.6199, 99.6312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4697, 86.5931, 106.7644 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(248, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 255)  
}
```

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(248, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.4697, 86.5931, 106.7644 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(248, 235, 255) }
```


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

```
.border{ border-color:rgb(248, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4697, 86.5931, 106.7644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 255) }
```

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

```
.background{ background-color: rgb(248,  
235, 255) }
```

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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