

Converting Colors

XYZ(86.2839, 86.4999,
106.7562)

Have a look what the booklet for
XYZ(86.2839, 86.4999, 106.7562)
contains.

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Color

**XYZ(86.1161, 86.4108,
106.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBFF
RGB	247, 235, 255
RGB Percent	97%, 92%, 100%
CMY	0.0314, 0.0784, 0.0000
CMYK	0.03, 0.08, 0.00, 0.00
HSL	276°, 100%, 96%
HSV	276°, 8%, 100%
XYZ	86.1161, 86.4108, 106.7479
YIQ	240.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

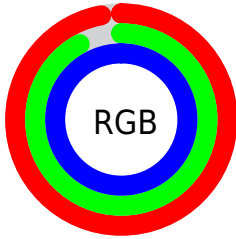
Format	Color
R _Y B	247, 235, 255
Decimal	16247807
CIE Lab	94.49, 7.58, -8.19
CIE LCh	94, 11.159, 312.797
Yxy	86.4108, 0.3084, 0.3094
Android (android.graphics.Color)	4294437887 (0xFF7EBFF)
YUV	240.8680, 6.9671, 5.3778
Hunter-Lab	92.9574, 2.6876, -3.0156

Details

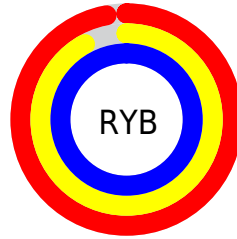
The XYZ color **86.1161, 86.4108, 106.7479** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7197, 96.5739, 92.6189**, and the grayscale version is **83.4539, 87.8000, 95.6142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7990, 47.3938, 60.0547** is the 20% darker color. If you saturate the color by 10%, you get **75.8335, 71.0398, 104.3229**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

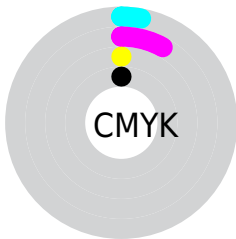
Distribution



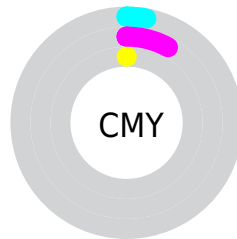
- Red (97%)
- Green (92%)
- Blue (100%)



- 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 86.1161, 86.4108, 106.7479 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 86.1161, 86.4108, 106.7479 by changing the saturation by 10% instead.

 86.1161, 86.4108,
106.7479

 86.1161, 86.4108,
106.7479


503.7422,
516.2848, 603.0476

 65.0896, 65.0077,
81.2996


140.8375,
142.3426, 172.5323

 47.7987, 47.4673,
60.2560

175.2631,
177.6401, 213.7056

 33.8781, 33.4053,
43.1983


214.8857,
218.3379, 260.9576

 22.9624, 22.4371,
29.7082

260.0707,
264.8204, 314.7069

 14.6863, 14.1784,
19.3670

311.1835,
317.4719, 375.3720

 8.6844, 8.2449,
11.7563

368.5895,

 4.5914, 4.2520,

376.6769, 443.3714

6.4574

432.6539,
442.8197, 519.1238

■ 2.0418, 1.8155,
3.0519

■ 0.6573, 0.4968,
1.1212

■ 86.1161, 86.4108,
106.7479

■ 86.1161, 86.4108,
106.7479

■ 75.8335, 71.0398,
104.3229

95.0500, 100.0000,
108.9000

■ 66.7444, 57.7694,
102.2405

■ 58.8006, 46.5065,
100.4853

■ 51.9474, 37.1470,
99.0399

■ 46.1253, 29.5768,
97.8856

■ 41.2685, 23.6693,
97.0013

■ 37.3025, 19.2809,
96.3633

■ 34.1400, 16.2423,
95.9434

■ 31.6651, 14.3276,
95.7043

Harmonies

Analogous

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



83.4163, 86.4108, 111.1489



86.1161, 86.4108, 106.7479



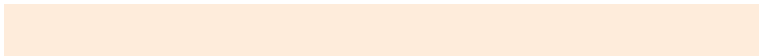
87.7703, 86.4108, 99.0619

Triad

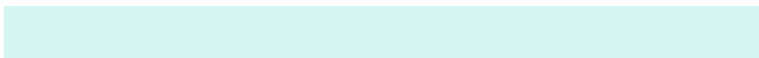
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1161, 86.4108, 106.7479



83.8502, 86.4108, 79.1593



76.6286, 86.4108, 97.7968

Complementary

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



86.1161, 86.4108, 106.7479



87.7197, 96.5739, 92.6189

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.



76.7383, 86.4108, 89.2808



86.1161, 86.4108, 106.7479



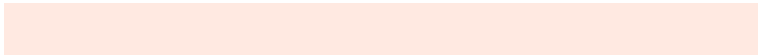
80.8587, 86.4108, 78.8665

Square

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



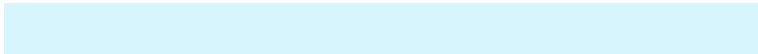
86.1161, 86.4108, 106.7479



86.4404, 86.4108, 83.2942



78.2705, 86.4108, 82.4684



77.9670, 86.4108, 105.7733

Rectangle

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



86.1161, 86.4108, 106.7479



88.0333, 86.4108, 93.2820



78.2705, 86.4108, 82.4684



76.4983, 86.4108, 94.8959

Sweetspot

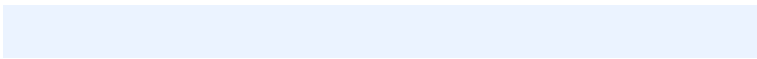
The Sweet Spot groups the original color and five complimentary colors.



86.1184, 86.4144, 106.7485



92.6980, 96.4042, 108.3299



84.4643, 89.1860, 107.3706



19.8659, 20.6721, 23.1930



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.



86.1184, 86.4144, 106.7485



84.8634, 84.5216, 106.4493



88.7328, 87.7931, 105.4766



18.0485, 17.9167, 22.7570



16.4684, 7.4002, 49.9950



1.7268, 0.7841, 4.8736

Inverse Universe

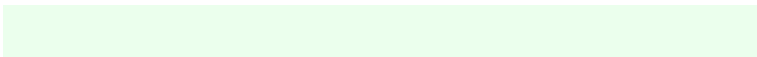
The Inverse Universe completely reimagines the original color for something new.



87.1282, 87.1512, 97.0268



86.0223, 85.3660, 95.3432



85.2610, 95.2784, 93.7665



18.3104, 18.1075, 20.2517



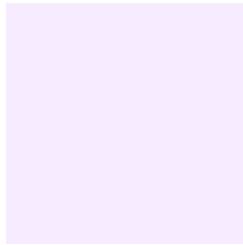
22.8709, 11.6377, 7.9706



2.2791, 1.1540, 1.0509

Previews

White Background



This preview shows how the XYZ color 86.1161, 86.4108, 106.7479 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 86.1161, 86.4108, 106.7479 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

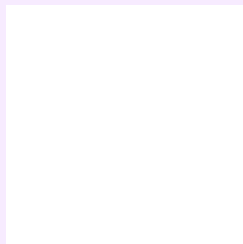
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1161, 86.4108, 106.7479

Background



This preview shows how black text looks on a background with the XYZ color 86.1161, 86.4108, 106.7479.



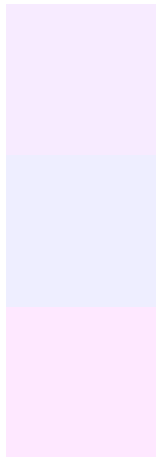
This preview shows how white text looks on a background with the XYZ color 86.1161, 86.4108,

106.7479.

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

86.1161, 86.4108, 106.7479

Protanopia

83.8844, 86.5462, 106.8916

Deuteranopia

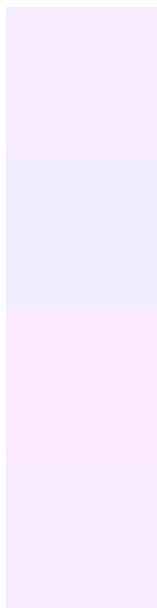
87.7797, 86.0041, 106.5817



Tritanopia

85.9555, 86.3466, 105.9021

Trichromacy



Original Color

86.1161, 86.4108, 106.7479

Protanomaly

84.6098, 86.4891, 106.8424

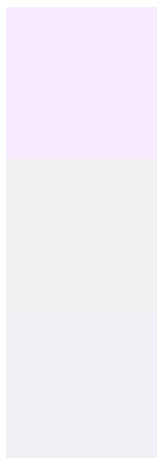
Deuteranomaly

86.9726, 86.0071, 106.6248

Tritanomaly

85.9555, 86.3466, 105.9021

Monochromacy



Original Color

86.1161, 86.4108, 106.7479

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.4632, 87.4415, 99.6150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1161, 86.4108, 106.7479 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(247, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.1161, 86.4108, 106.7479 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(247, 235, 255) }
```


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

```
.border{ border-color:rgb(247, 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(247, 235, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1161, 86.4108, 106.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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