

Converting Colors

XYZ(86.5853, 85.6328,
107.0704)

Have a look what the booklet for
XYZ(86.5853, 85.6328, 107.0704)
contains.

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Color

**XYZ(86.6133, 85.8218,
106.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE9FF
RGB	250, 233, 255
RGB Percent	98%, 91%, 100%
CMY	0.0196, 0.0863, 0.0000
CMYK	0.02, 0.09, 0.00, 0.00
HSL	286°, 100%, 96%
HSV	286°, 9%, 100%
XYZ	86.6133, 85.8218, 106.6080
YIQ	240.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

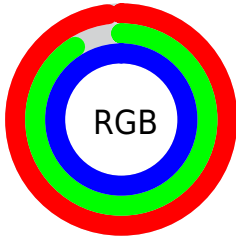
Format	Color
R _{YB}	250, 233, 255
Decimal	16443903
CIE Lab	94.24, 9.60, -8.54
CIE LCh	94, 12.842, 318.347
Yxy	85.8218, 0.3104, 0.3076
Android (android.graphics.Color)	4294633983 (0xFFFAE9FF)
YUV	240.5910, 7.1036, 8.2517
Hunter-Lab	92.6401, 4.7675, -3.3815

Details

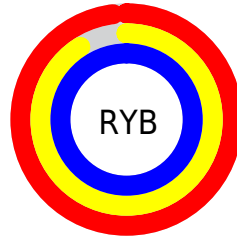
The XYZ color **86.6133, 85.8218, 106.6080** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7299, 95.5813, 91.0256**, and the grayscale version is **83.2340, 87.5687, 95.3623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9075, 46.8590, 59.9458** is the 20% darker color. If you saturate the color by 10%, you get **77.8657, 71.3613, 104.2779**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

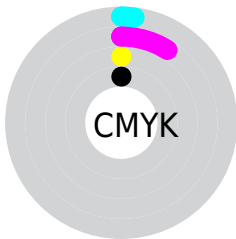
Distribution



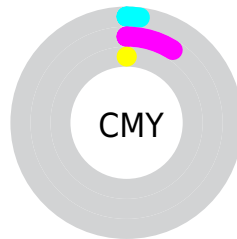
- Red (98%)
- Green (91%)
- Blue (100%)



- Red (98%)
- Yellow (91%)
- Blue (100%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6133, 85.8218, 106.6080 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 86.6133, 85.8218, 106.6080 by changing the saturation by 10% instead.


 86.6133, 85.8218,
106.6080

 86.6133, 85.8218,
106.6080


505.3550,
514.3434, 602.6038

 65.5022, 64.5206,
81.1830


141.5275,
141.5208, 172.3396

 48.1346, 47.0725,
60.1604


176.0612,
176.6874, 213.4833

 34.1452, 33.0930,
43.1218


215.7999,
217.2446, 260.7037

 23.1686, 22.1977,
29.6486

261.1089,
263.5768, 314.4192

 14.8394, 14.0022,
19.3222

312.3536,
316.0684, 375.0484

 8.7923, 8.1222,
11.7242

369.8992,

 4.6620, 4.1732,

375.1038, 443.0099

6.4359

434.1112,
441.0673, 518.7222

■ 2.0831, 1.7709,
3.0389

■ 0.6800, 0.4690,
1.1145

■ 86.6133, 85.8218,
106.6080

■ 86.6133, 85.8218,
106.6080

■ 77.8657, 71.3613,
104.2779

95.0500, 100.0000,
108.9000

■ 70.1777, 58.9269,
102.2830

■ 63.5032, 48.4264,
100.6080

■ 57.7899, 39.7563,
99.2356

■ 52.9807, 32.8031,
98.1470

■ 49.0122, 27.4407,
97.3211

■ 45.8118, 23.5251,
96.7340

■ 43.2940, 20.8862,
96.3573

■ 41.3372, 19.2815,
96.1507

Harmonies

Analogous

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



83.6707, 85.8218, 112.6018



86.6133, 85.8218, 106.6080



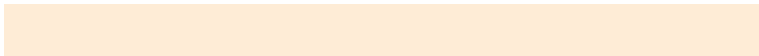
88.2216, 85.8218, 97.3236

Triad

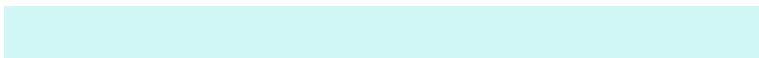
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6133, 85.8218, 106.6080



82.9142, 85.8218, 76.0947



75.4531, 85.8218, 99.5354

Complementary

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



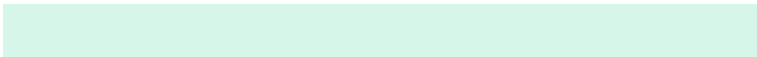
86.6133, 85.8218, 106.6080



85.7299, 95.5813, 91.0256

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.



75.2634, 85.8218, 89.6715



86.6133, 85.8218, 106.6080



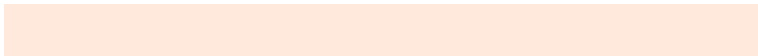
79.5068, 85.8218, 76.5950

Square

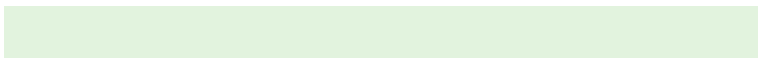
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6133, 85.8218, 106.6080



86.0461, 85.8218, 79.9949



76.7284, 85.8218, 81.4133



77.2539, 85.8218, 108.3248

Rectangle

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



86.6133, 85.8218, 106.6080



88.2914, 85.8218, 90.7224



76.7284, 85.8218, 81.4133



75.2007, 85.8218, 96.2222

Sweetspot

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



86.6156, 85.8254, 106.6086



92.0212, 94.8876, 108.0728



82.2708, 85.7739, 106.8276



19.5268, 20.0245, 23.0859



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.



86.6156, 85.8254, 106.6086



85.3480, 83.7132, 106.2677



87.5004, 86.3890, 101.7958



18.3653, 18.0800, 22.7718



21.6063, 10.0489, 50.2354



2.1977, 1.0269, 4.8956

Inverse Universe

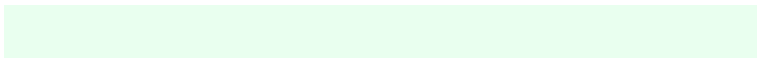
The Inverse Universe completely reimagines the original color for something new.



85.8137, 85.7143, 92.9134



84.4359, 83.5909, 90.5051



84.9270, 95.0690, 95.4353



18.1784, 18.0547, 19.5567



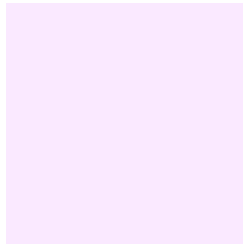
21.9933, 11.2866, 3.3494



2.1807, 1.1147, 0.5332

Previews

White Background



This preview shows how the XYZ color 86.6133, 85.8218, 106.6080 looks on a white background.

Color Contrast Check

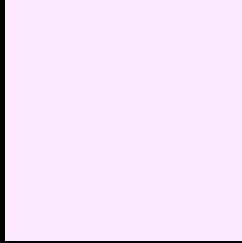
Large Text (above 18pt) WCAG AA × Fail

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 86.6133, 85.8218, 106.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

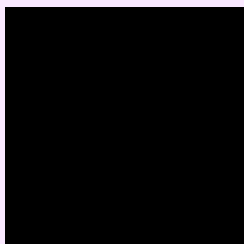
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

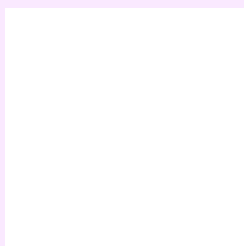
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6133, 85.8218, 106.6080

Background



This preview shows how black text looks on a background with the XYZ color 86.6133, 85.8218, 106.6080.



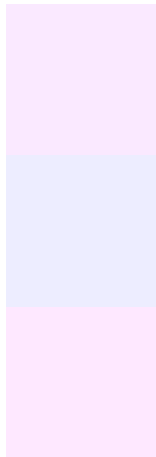
This preview shows how white text looks on a background with the XYZ color 86.6133, 85.8218,

106.6080.

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

86.6133, 85.8218, 106.6080

Protanopia

83.2592, 85.7929, 106.7792

Deuteranopia

87.7797, 86.0041, 106.5817



Tritanopia

86.4178, 86.1979, 104.1786

Trichromacy



Original Color

86.6133, 85.8218, 106.6080

Protanomaly

84.6634, 86.0882, 106.7622

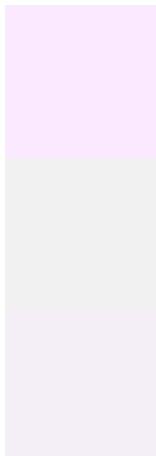
Deuteranomaly

87.4146, 85.8159, 106.5646

Tritanomaly

86.5768, 86.2615, 105.0155

Monochromacy



Original Color

86.6133, 85.8218, 106.6080

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.5173, 87.0360, 99.5339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6133, 85.8218, 106.6080 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(250, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 233, 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(250, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.6133, 85.8218, 106.6080 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(250, 233, 255) }
```


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

```
.border{ border-color:rgb(250, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6133, 85.8218, 106.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 233, 255) }
```

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

```
.background{ background-color: rgb(250,  
233, 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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