

Converting Colors

XYZ(121.3742, 100.0000,
281.8763)

Have a look what the booklet for
XYZ(121.3742, 100.0000, 281.8763)
contains.

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Color

**XYZ(88.0620, 86.5687,
106.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE9FF
RGB	254, 233, 255
RGB Percent	100%, 91%, 100%
CMY	0.0039, 0.0863, 0.0000
CMYK	0.00, 0.09, 0.00, 0.00
HSL	297°, 100%, 96%
HSV	297°, 9%, 100%
XYZ	88.0620, 86.5687, 106.6758
YIQ	241.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 233, 255
Decimal	16706047
CIE _{Lab}	94.55, 10.91, -8.03
CIE _{LCh}	95, 13.544, 323.652
Yxy	86.5687, 0.3130, 0.3077
Android (android.graphics.Color)	4294896127 (0xFFEE9FF)
YUV	241.7870, 6.5140, 10.7108
Hunter-Lab	93.0423, 6.1214, -2.8482

Details

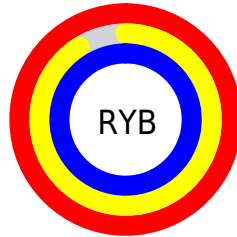
The XYZ color **88.0620, 86.5687, 106.6758** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4019, 94.8967, 90.9637**, and the grayscale version is **84.1789, 88.5628, 96.4449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9411, 47.3918, 59.9941** is the 20% darker color. If you saturate the color by 10%, you get **80.9370, 72.9446, 104.4216**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



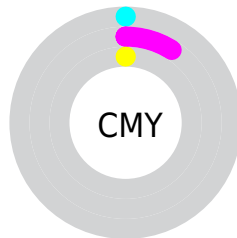
- Red (100%)
- Green (91%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0620, 86.5687, 106.6758 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 88.0620, 86.5687, 106.6758 by changing the saturation by 10% instead.


 88.0620, 86.5687,
106.6758

 88.0620, 86.5687,
106.6758

510.0386,
516.8046, 602.8189

 66.7054, 65.1383,
81.2395

143.5356,
142.5628, 172.4330

 49.1151, 47.5733,
60.2067


178.3832,
177.8954, 213.5910

 34.9257, 33.4891,
43.1589


218.4586,
218.6308, 260.8267

 23.7719, 22.5014,
29.6775

264.1270,
265.1535, 314.5586

 15.2883, 14.2258,
19.3439

315.7539,
317.8478, 375.2052

 9.1096, 8.2779,
11.7397

373.7045,

 4.8704, 4.2733,

377.0982, 443.1851

6.4463

438.3443,
443.2889, 518.9168

■ 2.2054, 1.8276,
3.0452

■ 0.7456, 0.5043,
1.1178

■ 88.0620, 86.5687,
106.6758

■ 88.0620, 86.5687,
106.6758

■ 80.9370, 72.9446,
104.4216

95.0500, 100.0000,
108.9000

■ 74.8108, 61.3154,
102.4998

■ 69.6379, 51.5891,
100.8951

■ 65.3668, 43.6624,
99.5902

■ 61.9409, 37.4223,
98.5663

■ 59.2971, 32.7428,
97.8024

■ 57.3638, 29.4804,
97.2746

■ 56.0560, 27.4652,
96.9546

■ 55.2525, 26.4551,
96.8020

Harmonies

Analogous

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



85.1277, 86.5687, 113.8873



88.0620, 86.5687, 106.6758



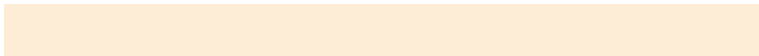
89.4525, 86.5687, 96.4977

Triad

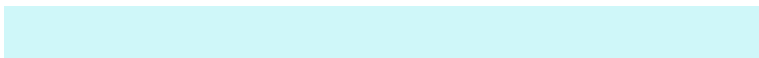
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0620, 86.5687, 106.6758



83.0591, 86.5687, 75.6662



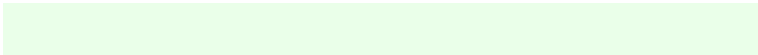
76.0204, 86.5687, 102.5513

Complementary

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



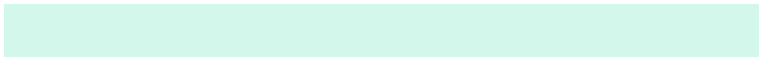
88.0620, 86.5687, 106.6758



84.4019, 94.8967, 90.9637

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.



75.5033, 86.5687, 92.0544



88.0620, 86.5687, 106.6758



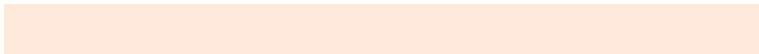
79.4983, 86.5687, 77.0257

Square

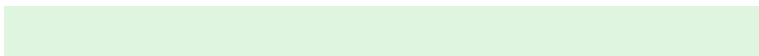
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0620, 86.5687, 106.6758



86.5095, 86.5687, 78.9839



76.7586, 86.5687, 82.8444



78.1924, 86.5687, 111.3856

Rectangle

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



88.0620, 86.5687, 106.6758



89.2885, 86.5687, 89.5954



76.7586, 86.5687, 82.8444



75.6500, 86.5687, 99.0809

Sweetspot

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



88.0643, 86.5723, 106.6764



92.5303, 95.1500, 108.0967



81.1091, 83.4504, 106.4404



19.6646, 20.0956, 23.0923



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.



88.0643, 86.5723, 106.6764



87.0233, 84.5769, 106.3461



86.8777, 86.1400, 98.5161



18.7064, 18.2559, 22.7878



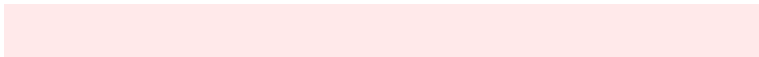
28.8577, 13.7872, 50.5748



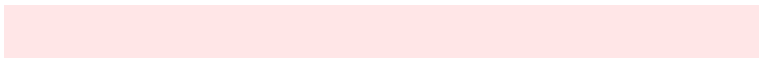
2.8340, 1.3549, 4.9254

Inverse Universe

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



85.2325, 85.4819, 89.8525



83.7733, 83.3259, 87.0160



85.5293, 95.3099, 98.6062



18.0428, 18.0004, 18.8425



21.5963, 11.1278, 1.2589



2.1140, 1.0880, 0.1817

Previews

White Background



This preview shows how the XYZ color 88.0620, 86.5687, 106.6758 looks on a white background.

Color Contrast Check

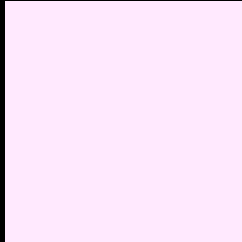
Large Text (above 18pt) WCAG AA × Fail

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 88.0620, 86.5687, 106.6758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

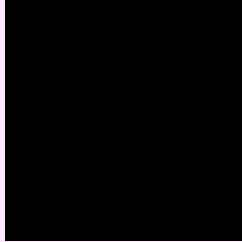
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.0620, 86.5687, 106.6758

Background



This preview shows how black text looks on a background with the XYZ color 88.0620, 86.5687, 106.6758.



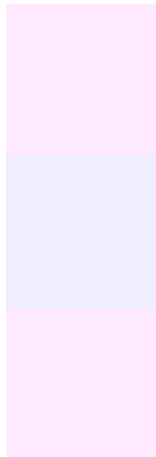
This preview shows how white text looks on a background with the XYZ color 88.0620, 86.5687,

106.6758.

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

88.0620, 86.5687, 106.6758

Protanopia

83.8844, 86.5462, 106.8916

Deuteranopia

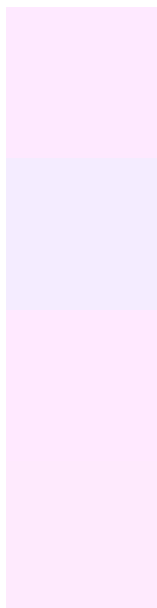
88.4289, 86.7578, 106.6930



Tritanopia

87.8666, 86.9447, 104.2464

Trichromacy



Original Color

88.0620, 86.5687, 106.6758

Protanomaly

85.3537, 86.4440, 106.7945

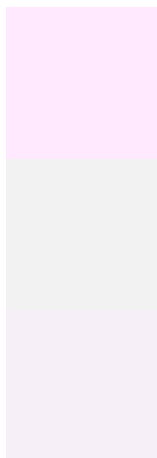
Deuteranomaly

88.4289, 86.7578, 106.6930

Tritanomaly

88.0255, 87.0083, 105.0833

Monochromacy



Original Color

88.0620, 86.5687, 106.6758

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.6610, 88.0412, 100.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0620, 86.5687, 106.6758 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(254, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.0620, 86.5687, 106.6758 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(254, 233, 255) }
```


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

```
.border{ border-color:rgb(254, 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(254, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0620, 86.5687, 106.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 255) }
```

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

```
.background{ background-color: rgb(254,  
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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