

Converting Colors

XYZ(88.4518, 87.3644,
106.8088)

Have a look what the booklet for
XYZ(88.4518, 87.3644, 106.8088)
contains.

XYZ(88.3459, 87.1365, 106.7704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.3459, 87.1365,
106.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEAFF
RGB	254, 234, 255
RGB Percent	100%, 92%, 100%
CMY	0.0039, 0.0823, 0.0000
CMYK	0.00, 0.08, 0.00, 0.00
HSL	297°, 100%, 96%
HSV	297°, 8%, 100%
XYZ	88.3459, 87.1365, 106.7704
YIQ	242.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 234, 255
Decimal	16706303
CIE Lab	94.80, 10.39, -7.67
CIE LCh	95, 12.916, 323.570
Yxy	87.1365, 0.3130, 0.3087
Android (android.graphics.Color)	4294896383 (0xFFFEAAFF)
YUV	242.3740, 6.2246, 10.1960
Hunter-Lab	93.3469, 5.5798, -2.4732

Details

The XYZ color **88.3459, 87.1365, 106.7704** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8744, 95.1237, 91.7337**, and the grayscale version is **84.6457, 89.0539, 96.9797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1394, 47.7883, 60.0602** is the 20% darker color. If you saturate the color by 10%, you get **81.1608, 73.4220, 104.5020**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



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



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3459, 87.1365, 106.7704 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 88.3459, 87.1365, 106.7704 by changing the saturation by 10% instead.


 88.3459, 87.1365,
106.7704

 88.3459, 87.1365,
106.7704


510.9538,
518.6713, 603.1190

 66.9413, 65.6082,
81.3184

143.9287,
143.3544, 172.5633

 49.3075, 47.9544,
60.2713

178.8376,
178.8127, 213.7413

 35.0790, 33.7908,
43.2107


218.9787,
219.6832, 260.9984

 23.8905, 22.7329,
29.7178

264.7173,
266.3502, 314.7531

 15.3767, 14.3964,
19.3743

316.4187,
319.1981, 375.4240

 9.1722, 8.3969,
11.7615

374.4484,

 4.9117, 4.3499,

378.6113, 443.4296

6.4609

439.1716,
444.9743, 519.1884

■ 2.2298, 1.8712,
3.0540

■ 0.7584, 0.5310,
1.1223

■ 88.3459, 87.1365,
106.7704

■ 88.3459, 87.1365,
106.7704

■ 81.1608, 73.4220,
104.5020

95.0500, 100.0000,
108.9000

■ 74.9765, 61.7059,
102.5665

■ 69.7478, 51.8969,
100.9487

■ 65.4231, 43.8918,
99.6315

■ 61.9462, 37.5780,
98.5961

■ 59.2544, 32.8303,
97.8216

■ 57.2762, 29.5058,
97.2841

■ 55.9275, 27.4360,
96.9557

■ 55.0919, 26.3884,
96.7975

Harmonies

Analogous

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



85.5369, 87.1365, 113.6323



88.3459, 87.1365, 106.7704



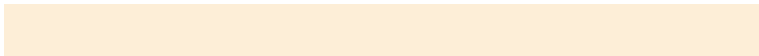
89.6794, 87.1365, 97.0483

Triad

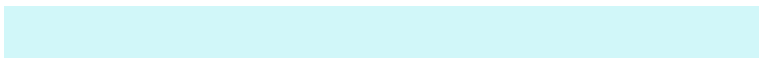
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3459, 87.1365, 106.7704



83.5754, 87.1365, 77.0087



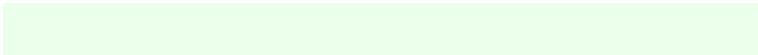
76.8128, 87.1365, 102.7825

Complementary

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



88.3459, 87.1365, 106.7704



84.8744, 95.1237, 91.7337

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.



76.3208, 87.1365, 92.7380



88.3459, 87.1365, 106.7704



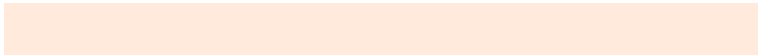
80.1625, 87.1365, 78.3078

Square

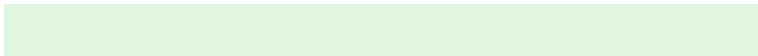
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3459, 87.1365, 106.7704



86.8756, 87.1365, 80.2194



77.5307, 87.1365, 83.9010



78.8939, 87.1365, 111.2191

Rectangle

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



88.3459, 87.1365, 106.7704



89.5262, 87.1365, 90.4324



77.5307, 87.1365, 83.9010



76.4586, 87.1365, 99.4646

Sweetspot

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



88.3482, 87.1402, 106.7710



93.3554, 96.7431, 108.3607



81.7079, 84.1619, 106.5462



19.9996, 20.7411, 23.1993



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.



88.3482, 87.1402, 106.7710



87.0032, 84.5665, 106.3451



87.2305, 86.7354, 98.9733



18.7023, 18.2538, 22.7876



28.7599, 13.7367, 50.5702



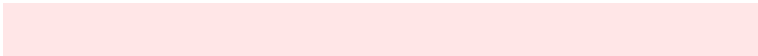
2.8255, 1.3505, 4.9250

Inverse Universe

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



85.6605, 86.1074, 90.7060



83.7811, 83.3290, 87.0569



85.9398, 95.5119, 99.0595



18.0444, 18.0011, 18.8509



21.5986, 11.1287, 1.2708



2.1147, 1.0883, 0.1856

Previews

White Background



This preview shows how the XYZ color 88.3459, 87.1365, 106.7704 looks on a white background.

Color Contrast Check

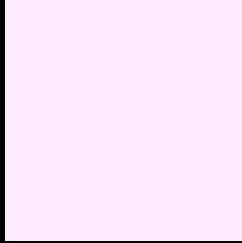
Large Text (above 18pt) WCAG AA × Fail

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 88.3459, 87.1365, 106.7704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

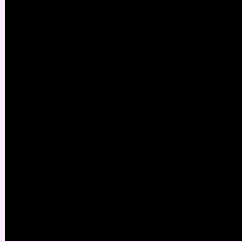
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

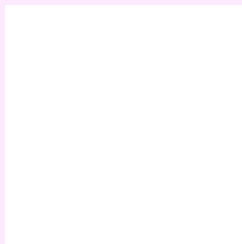
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3459, 87.1365, 106.7704

Background



This preview shows how black text looks on a background with the XYZ color 88.3459, 87.1365, 106.7704.



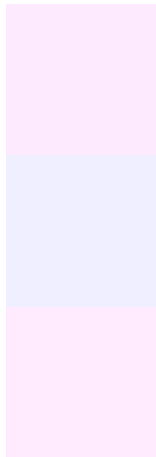
This preview shows how white text looks on a background with the XYZ color 88.3459, 87.1365,

106.7704.

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

88.3459, 87.1365, 106.7704

Protanopia

84.5131, 87.3037, 107.0047

Deuteranopia

88.5522, 87.2614, 105.9419



Tritanopia

88.0255, 87.0083, 105.0833

Trichromacy



Original Color

88.3459, 87.1365, 106.7704

Protanomaly

85.6424, 87.0215, 106.8907

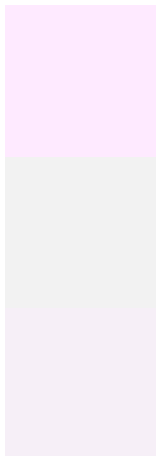
Deuteranomaly

88.5522, 87.2614, 105.9419

Tritanomaly

88.1853, 87.0722, 105.9247

Monochromacy



Original Color

88.3459, 87.1365, 106.7704

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 88.3459, 87.1365, 106.7704 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.3459, 87.1365, 106.7704 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, 234, 255) }
```


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

```
.border{ border-color:rgb(254, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3459, 87.1365, 106.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 255) }
```

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

```
.background{ background-color: rgb(254,  
234, 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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